Focus on Kase
Studies, Analytics and Forecasting

Presented by

Cynthia A. Kase, CMT, MFTA

Kase and Company, Inc. CTA

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Session Agenda

- **Part One, 2:00-2:45**
  - Introduction
  - KaseSwing
  - Waves Analysis
- **Part Two, 2:45-3:05**
  - Trading – Filtering and Entry
- **Part Three, 3:05 – 3:20**
  - Trading – DevStops and Candles
- Break, 3:20-3:30
- **Part Four, 3:30-4:10**
  - Trading – KaseMDA and Momentum Exits
  - Trading and Portfolio Management
- **Part Five, 4:10 – 5:00**
  - Overview of Kase Forecasting Methods
  - Outlook for Various Markets

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KaseSwing

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KaseSwing may be used for….

- Picking Waves
- Useful for Entries and Exits
- Identifying Geometric Formations
- Determine Peaks for Momentum Divergence
- Count Bars for Gann or Fibonacci Number

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KaseSwing 1, 2 and 3

JNJ Daily

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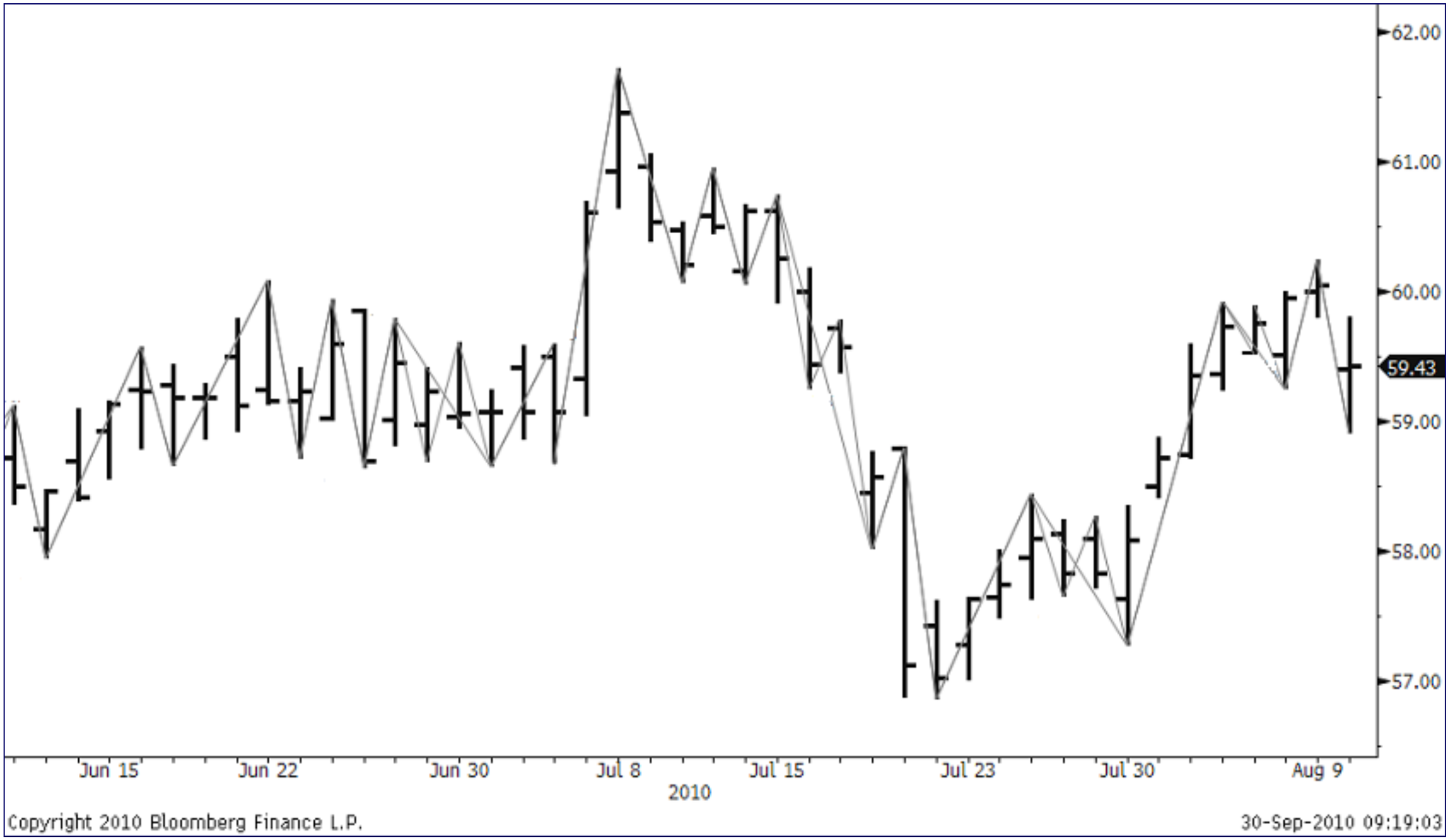
KaseSwing 1, Insides On and Off

JNJ Daily



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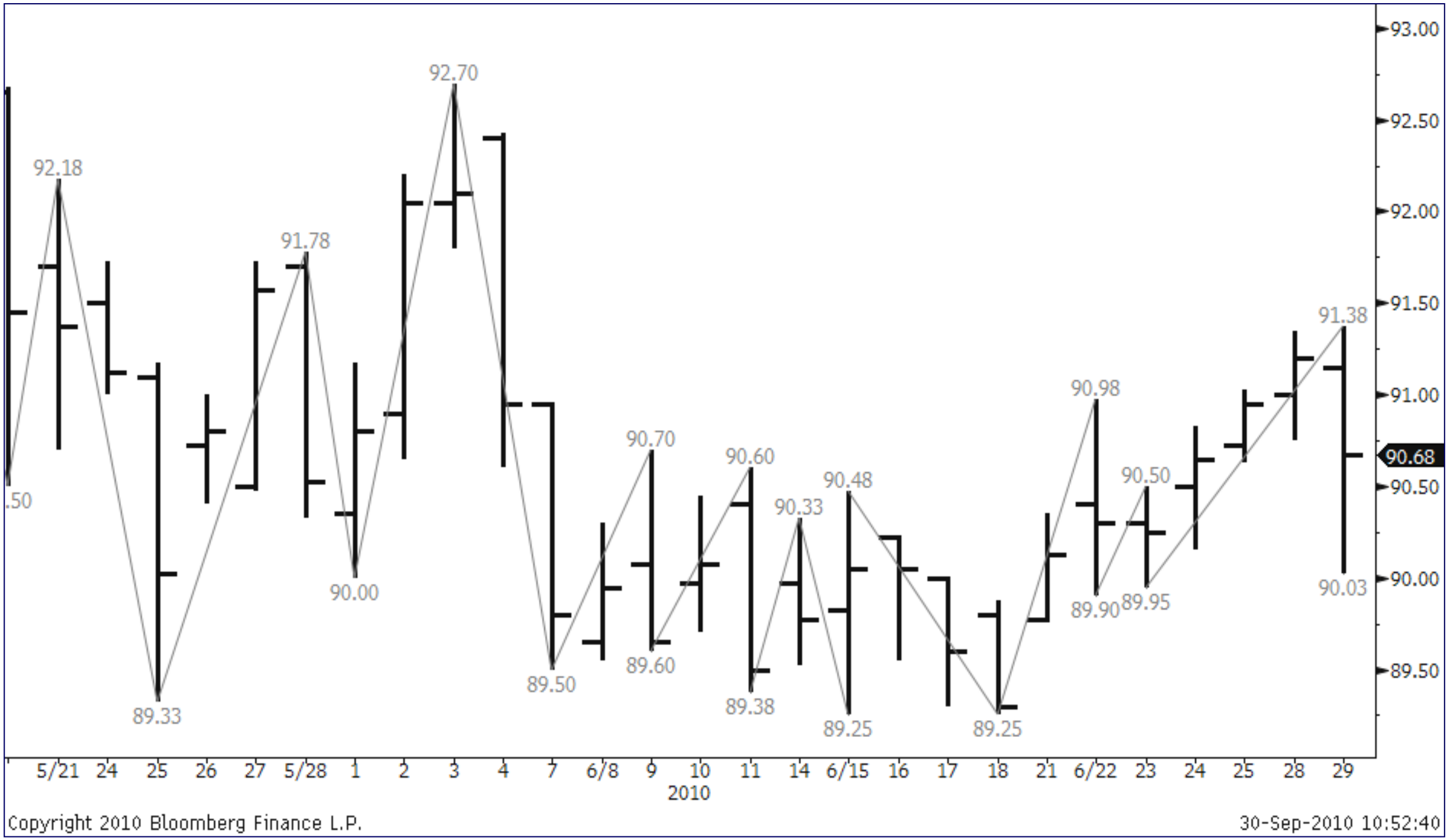
KaseSwing 1, Insides On with Labels

LCM10 Daily



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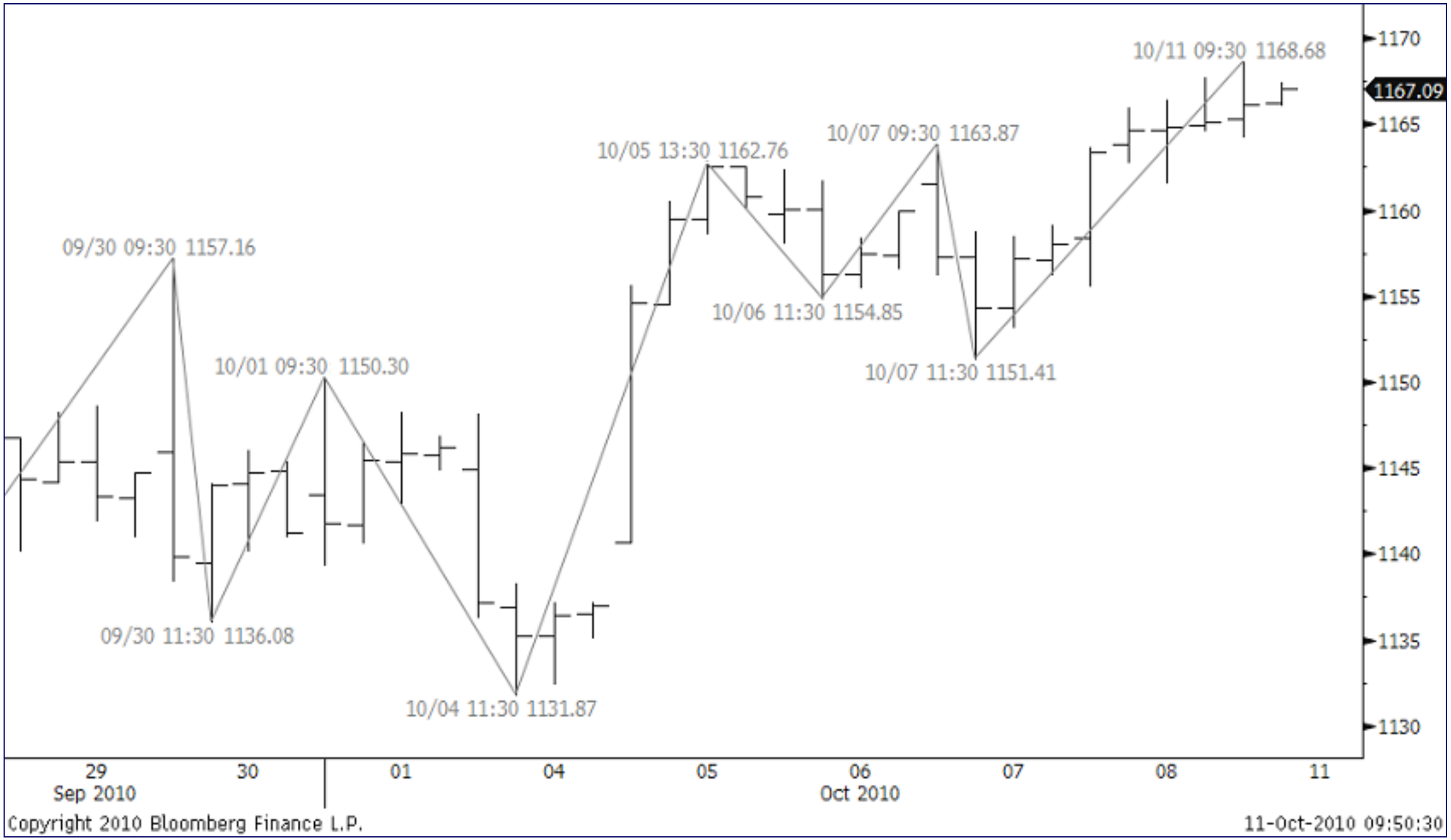
KaseSwing 2 with Date/Time Labels

SPX Index 60-Minute



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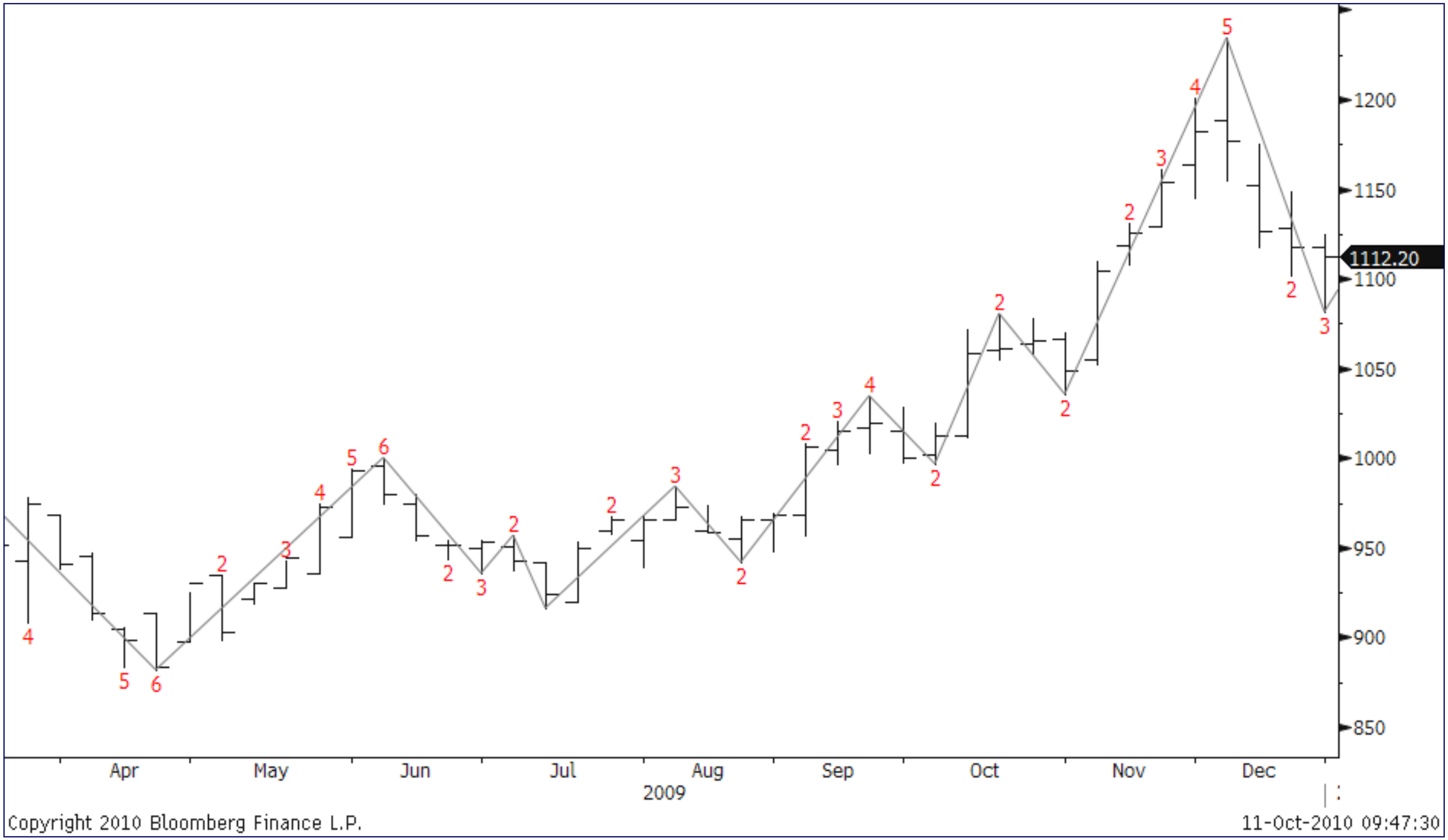
KaseSwing 2 with Bar Counts (Beta)

GCZ0 Weekly



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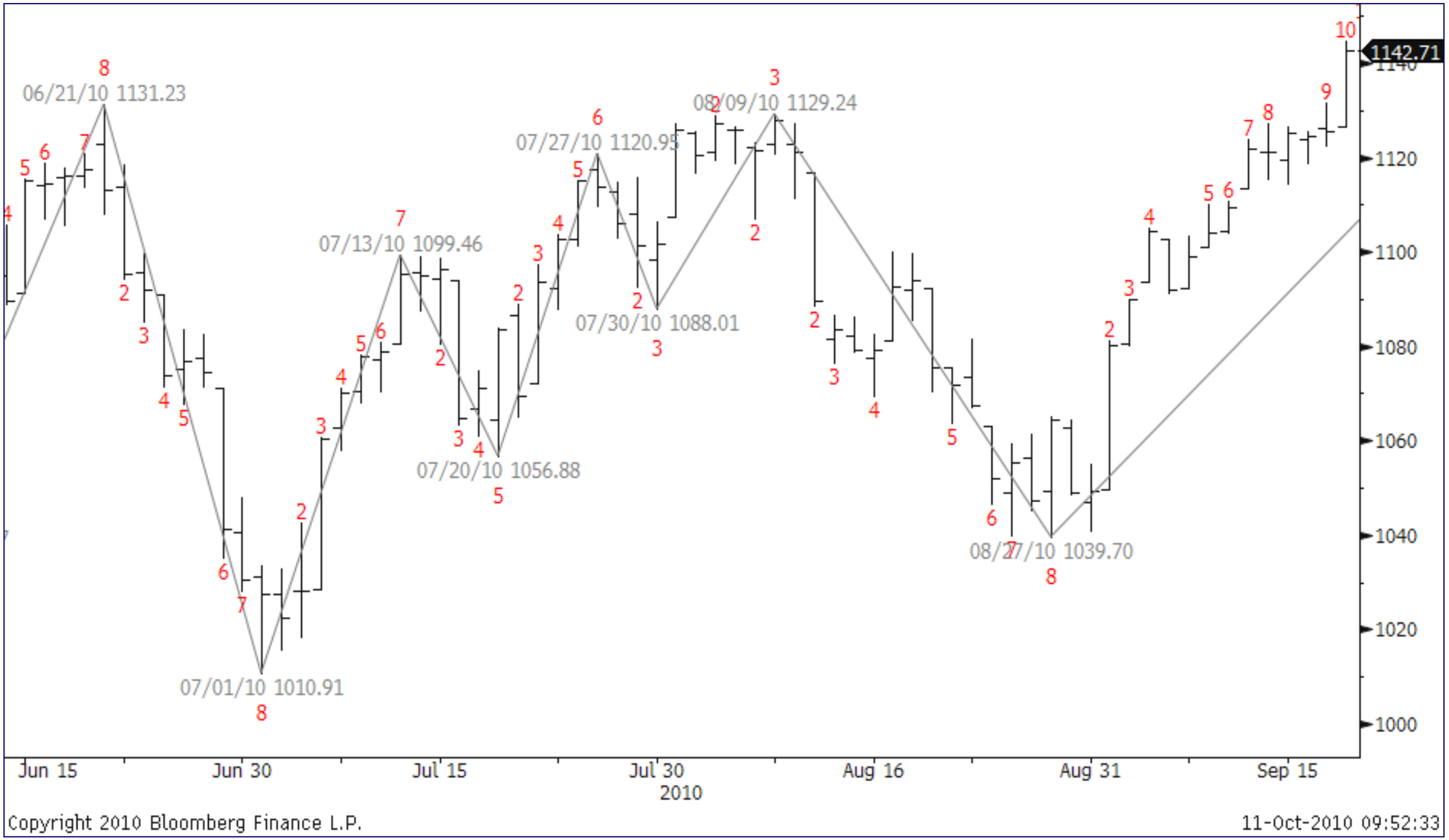
KaseSwing 3 with All Swing Labels

SPX Index Daily (Bar Count Beta)



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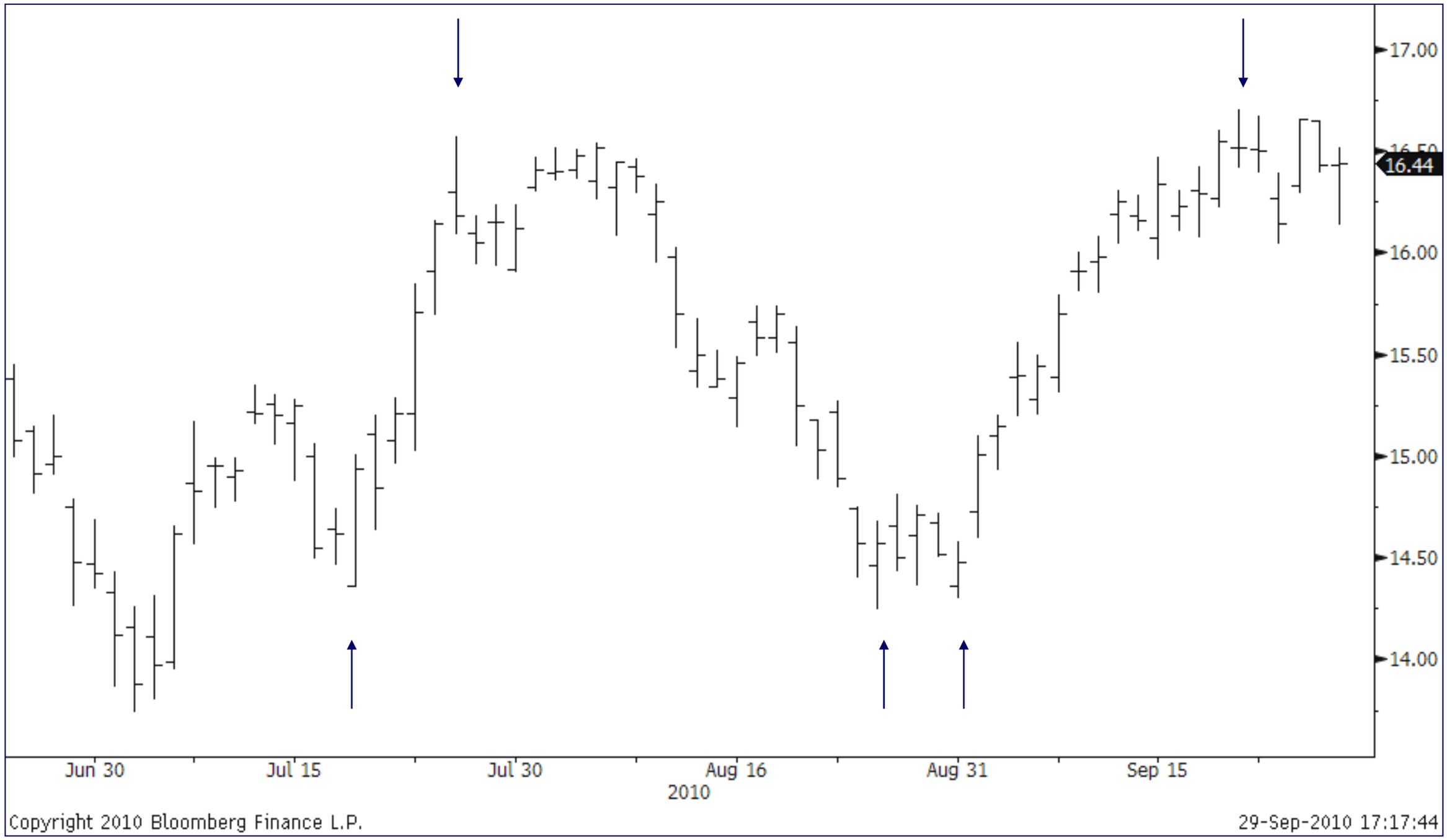
GE Daily



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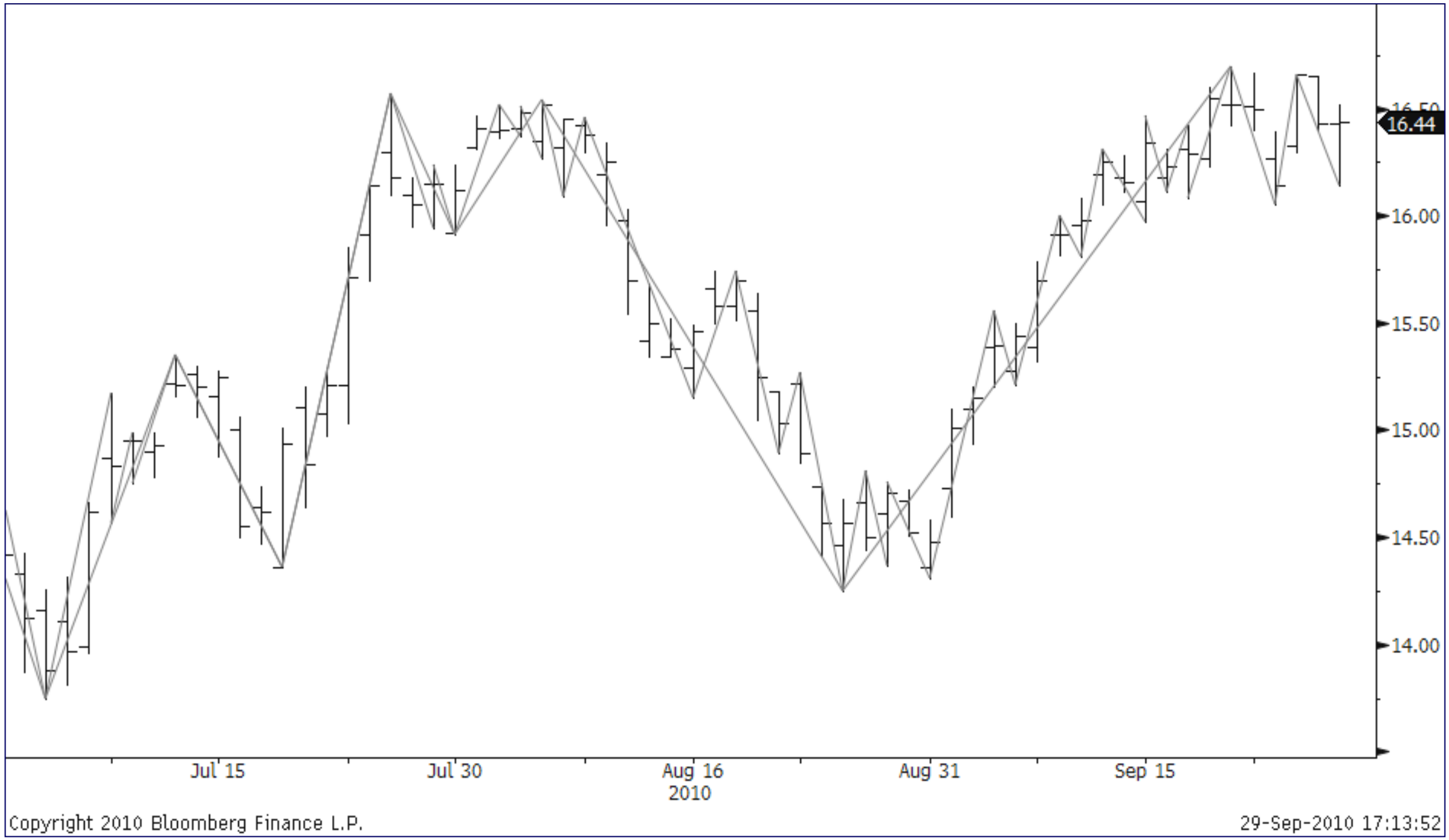
KaseSwing 1 and 3

GE Daily



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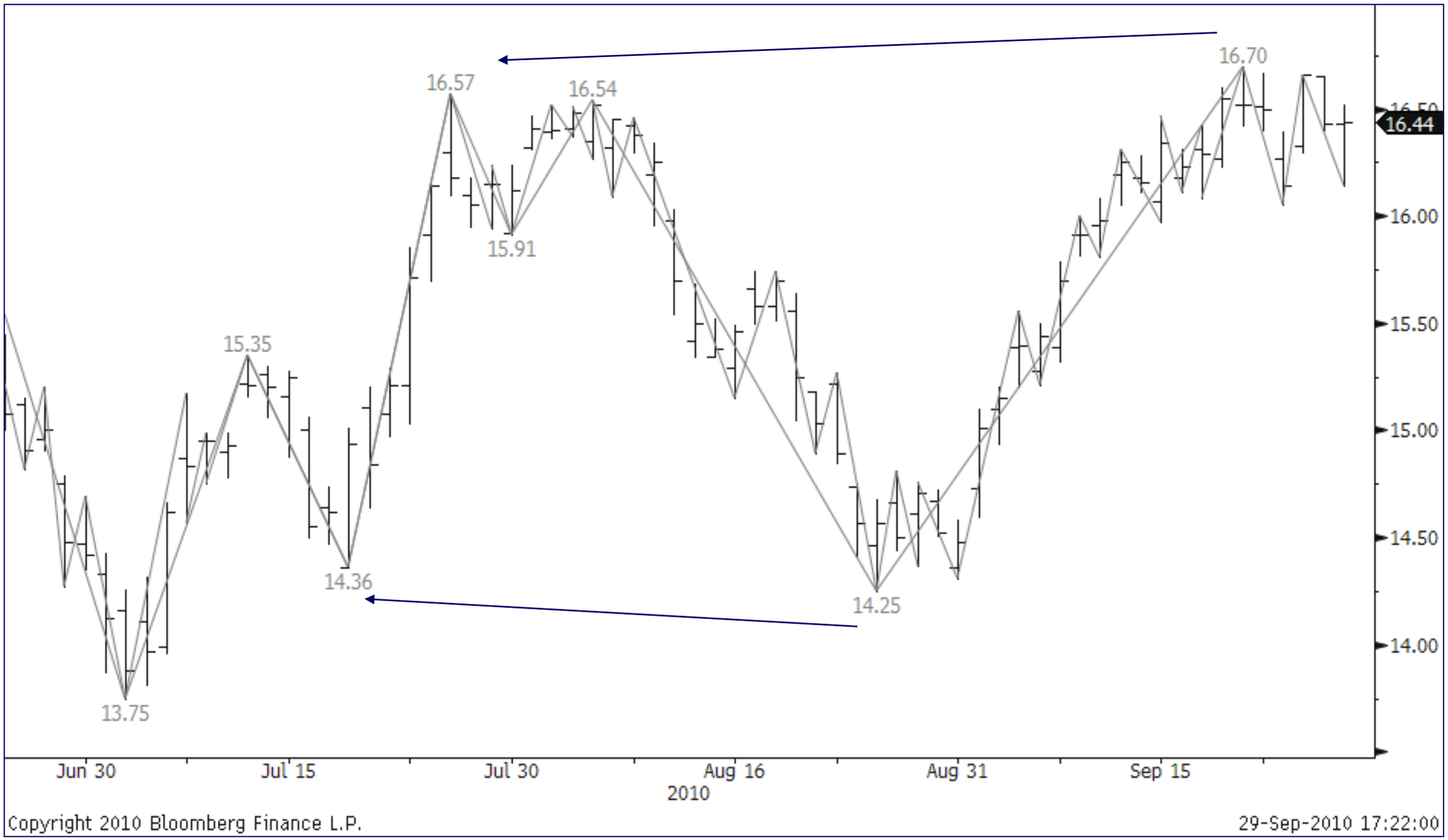
Adding KaseSwing Number Labels

GE Daily



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Waves Analysis and Calculations

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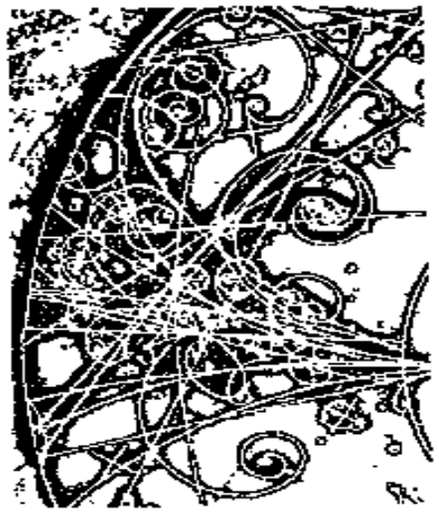
Forecasting is different from Market Timing



- Forecasting
  - Market going up for down?
  - Opposite direction first?
  - Where are the targets?
  - Where is support or resistance?
  - What are key threshold or decision points?
- Market Timing (Trading)
  - When to buy or sell
  - When to take profit
  - When to cut losses
  - When to add or subtract from a position

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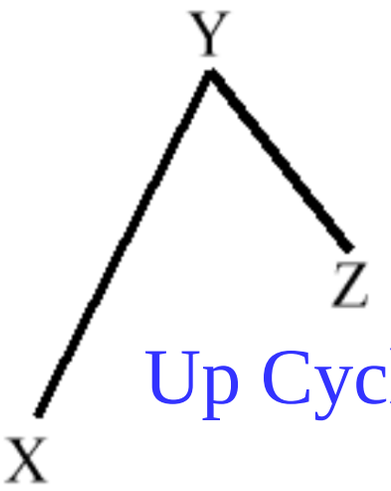
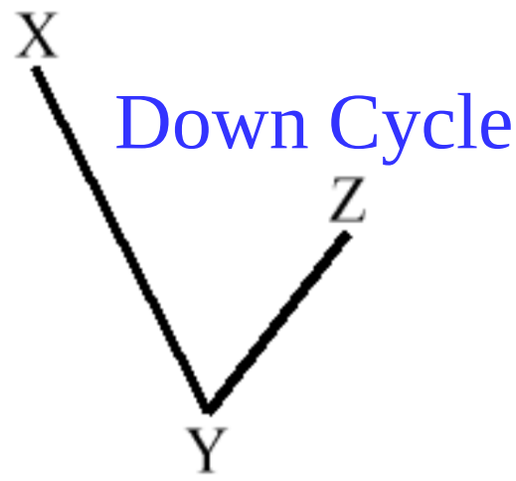
Wave Basics or Kase Wave Analysis
What Is a Wave and Wave Cycle

- Impulse Wave = XY
- Corrective Wave = YZ
- Wave Cycle = XYZ



Up Cycle

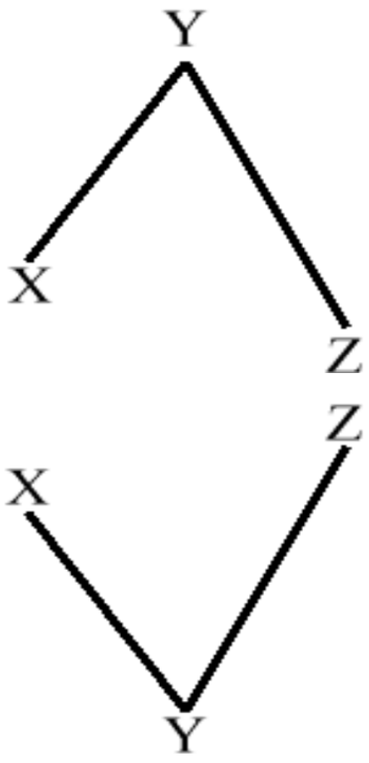


Down Cycle

Invalid and Irregular Waves

Up wave = Z lower than X

Down wave = Z higher than X



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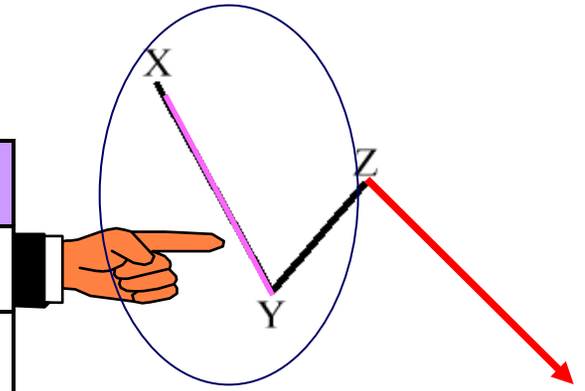
Calculating Targets and Proportions

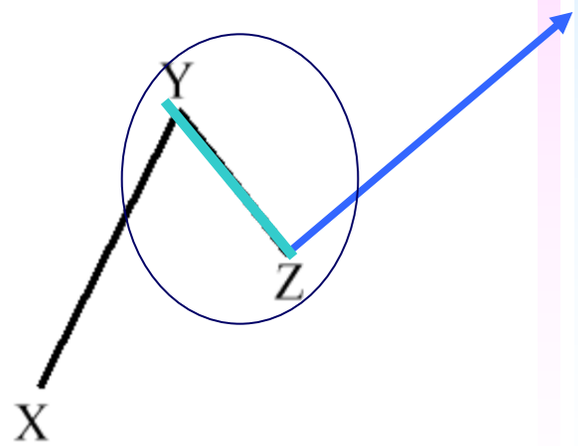
Impulse Projections “X- Y”

Multiplier	Extension Name	Notation
0.62 (1 - 0.38)	**S**maller than	S
1.00	**E**qual to	E
1.38 (1 + 0.38)	**I**ntermediate	I
1.62	**L**arger than	L
2 * 1.38	e**X**tended **C** (or 3)	XC



Corrective Projections “Z- Y”

Math	Multiplier	Extension Name	Notation
Φ	1.618	Phi to First Power	P1
Φ^2	2.618	Phi to Second Power	P2
Φ^3	4.236	Phi to Third Power	P3



Also…. Y^3/X^2

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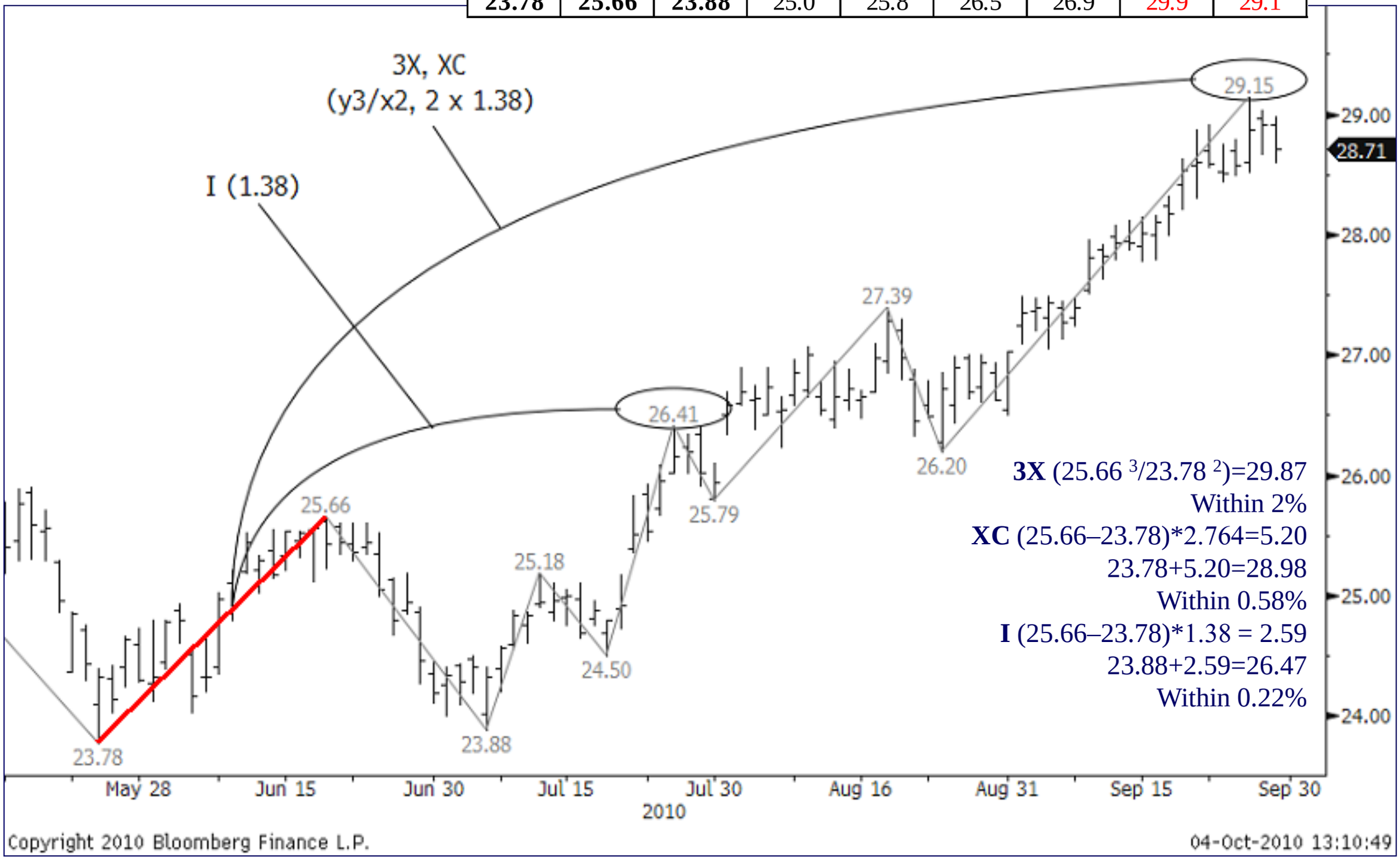
Wave Projections

T Daily

X	Y	Z	S	E	I	L	3X	XC
23.78	**25.66**	**23.88**	25.0	25.8	26.5	26.9	29.9	29.1



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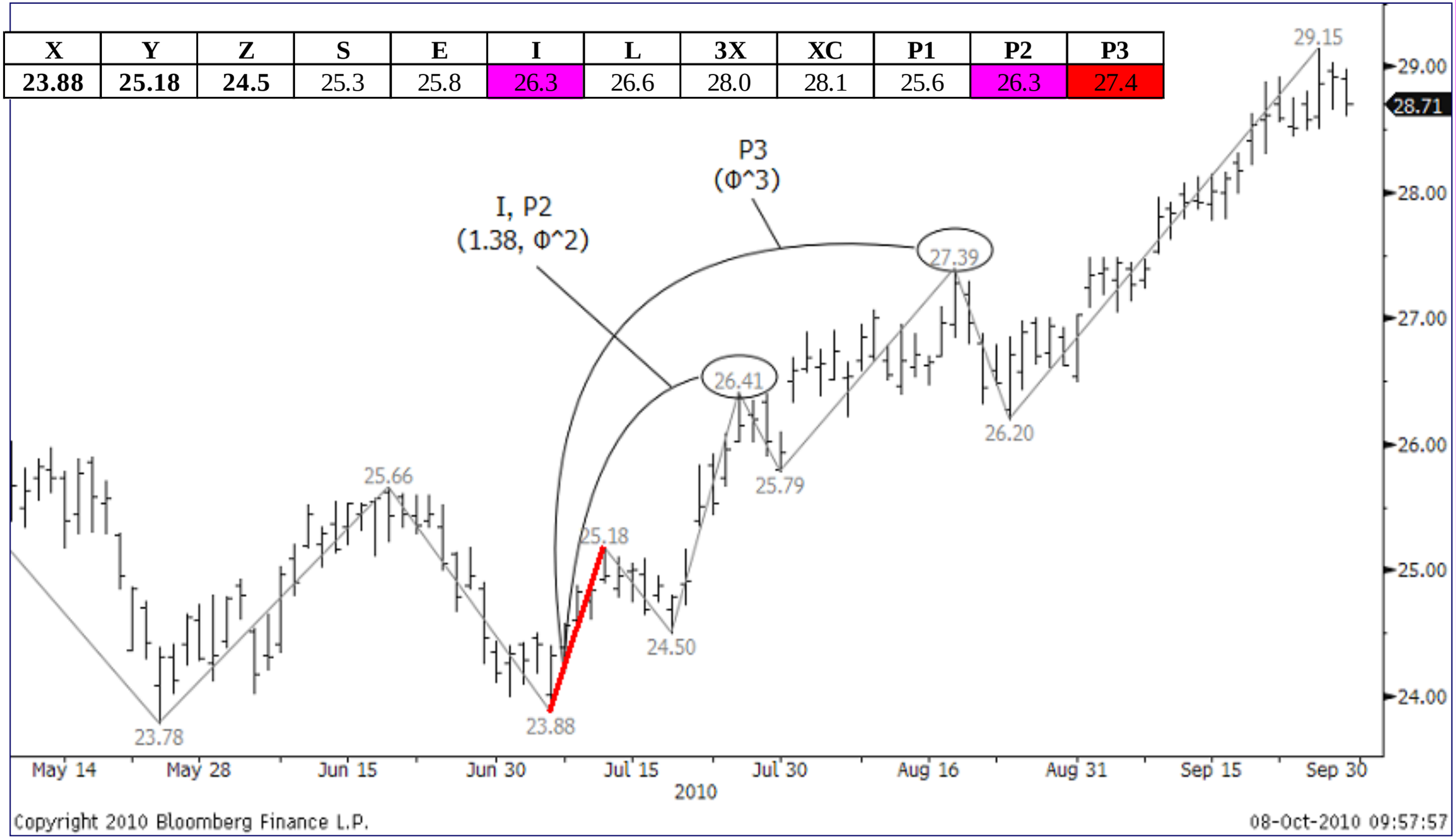
Wave Projections

T Daily

X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
23.88	**25.18**	**24.5**	25.3	25.8	26.3	26.6	28.0	28.1	25.6	26.3	27.4



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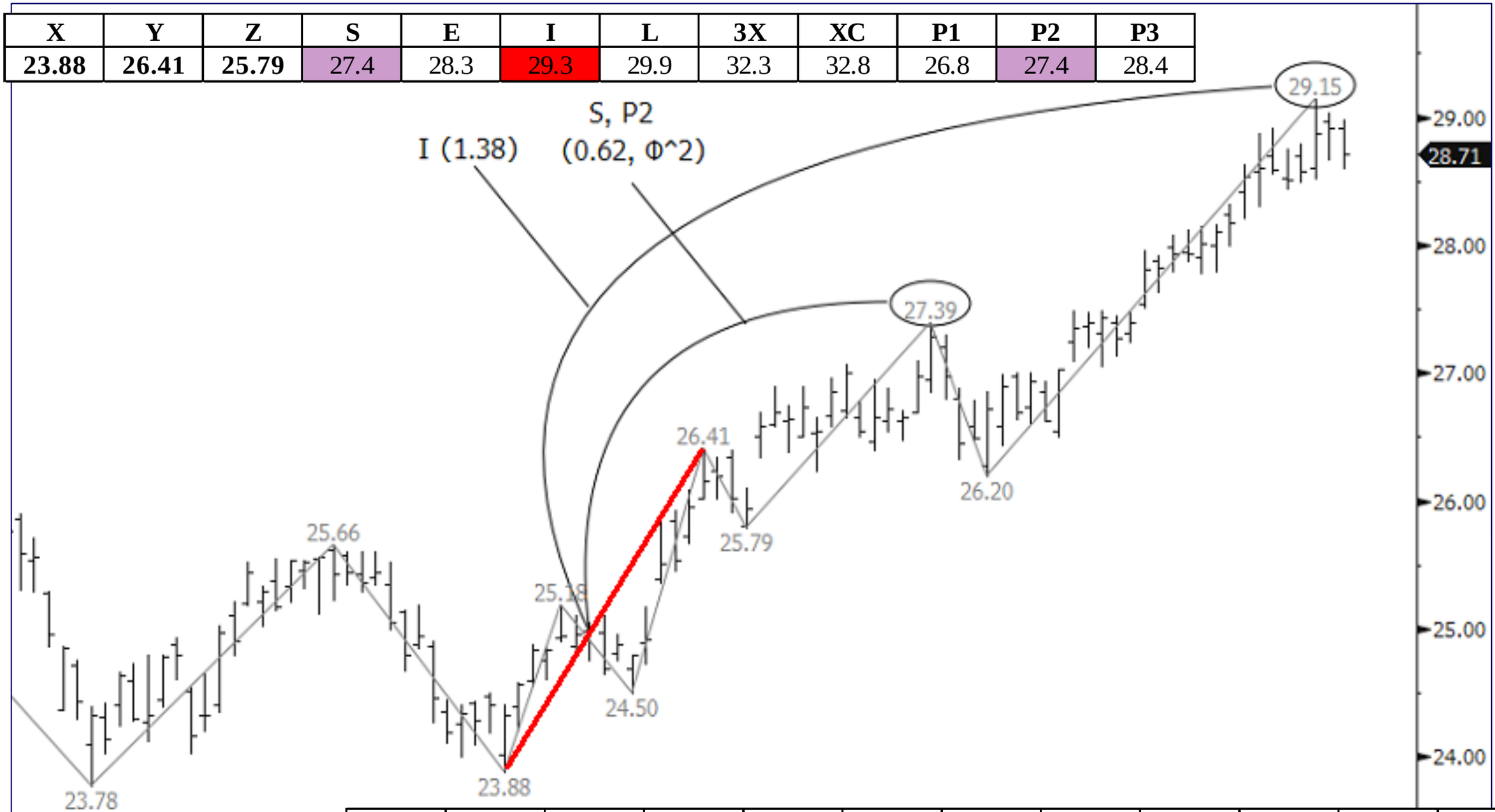
Wave Projections

T Daily

X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
23.88	**26.41**	**25.79**	27.4	28.3	29.3	29.9	32.3	32.8	26.8	27.4	28.4



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
23.78	**25.66**	**23.88**	25.0	25.8	26.5	26.9	29.9	29.1	26.8	28.5	31.4
23.88	**25.18**	**24.5**	25.3	25.8	26.3	26.6	28.0	28.1	25.6	26.3	27.4
"	**26.41**	**25.79**	27.4	28.3	29.3	29.9	32.3	32.8	26.8	27.4	28.4

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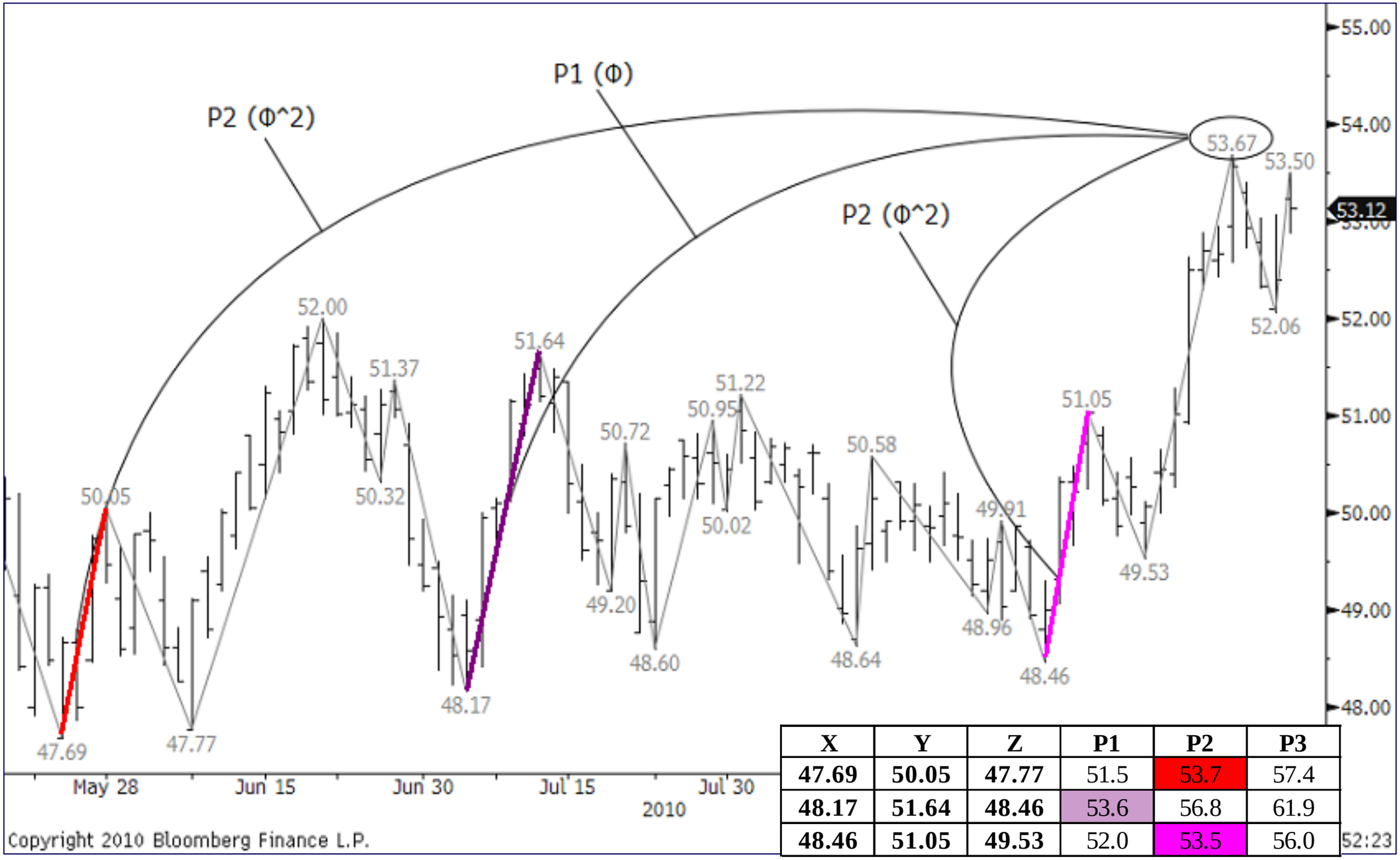
Wave Projections

TRV Daily



X	Y	Z	P1	P2	P3
47.69	**50.05**	**47.77**	51.5	53.7	57.4
48.17	**51.64**	**48.46**	53.6	56.8	61.9
48.46	**51.05**	**49.53**	52.0	53.5	56.0

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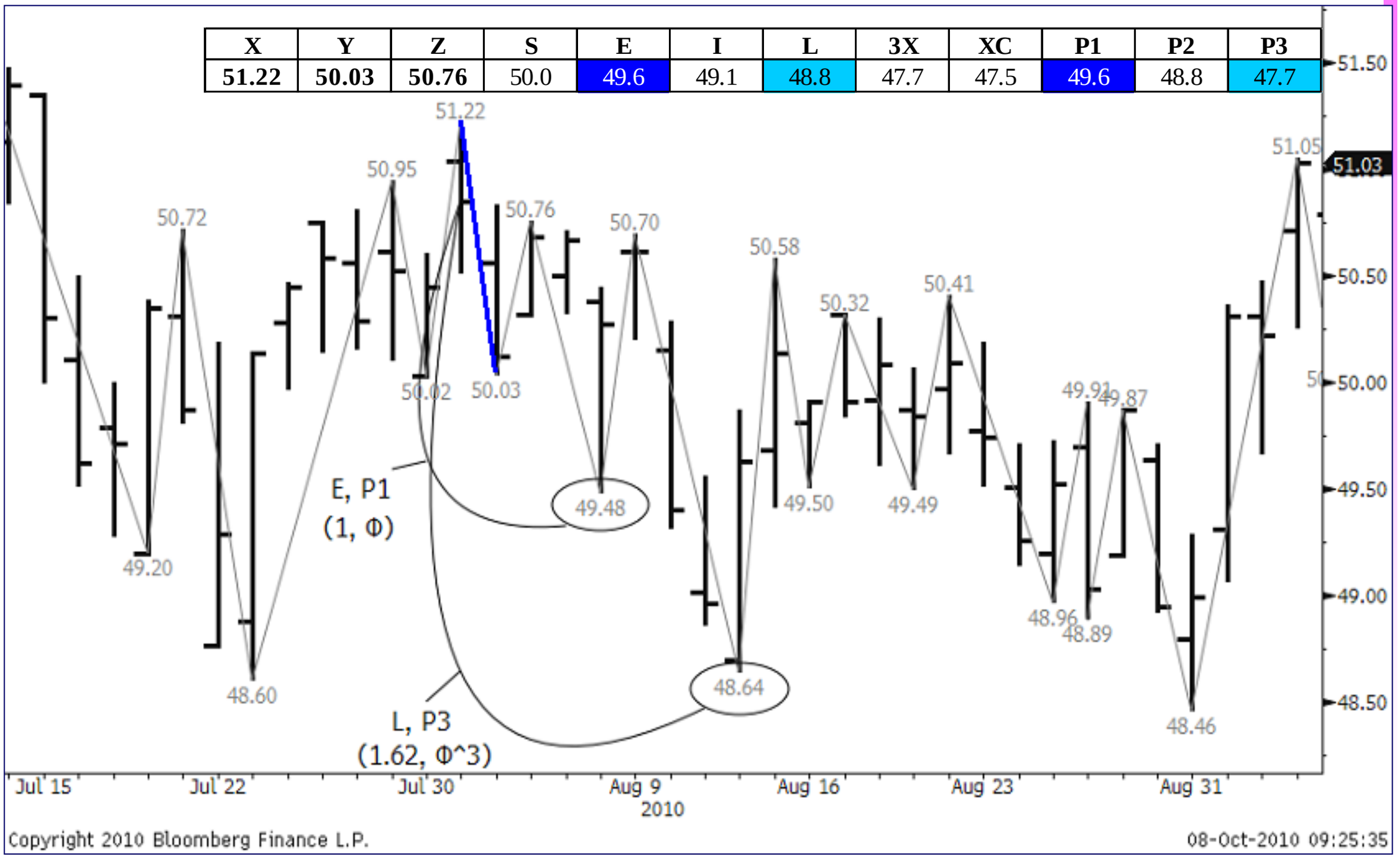
Wave Projections

TRV Daily

X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
51.22	**50.03**	**50.76**	50.0	49.6	49.1	48.8	47.7	47.5	49.6	48.8	47.7



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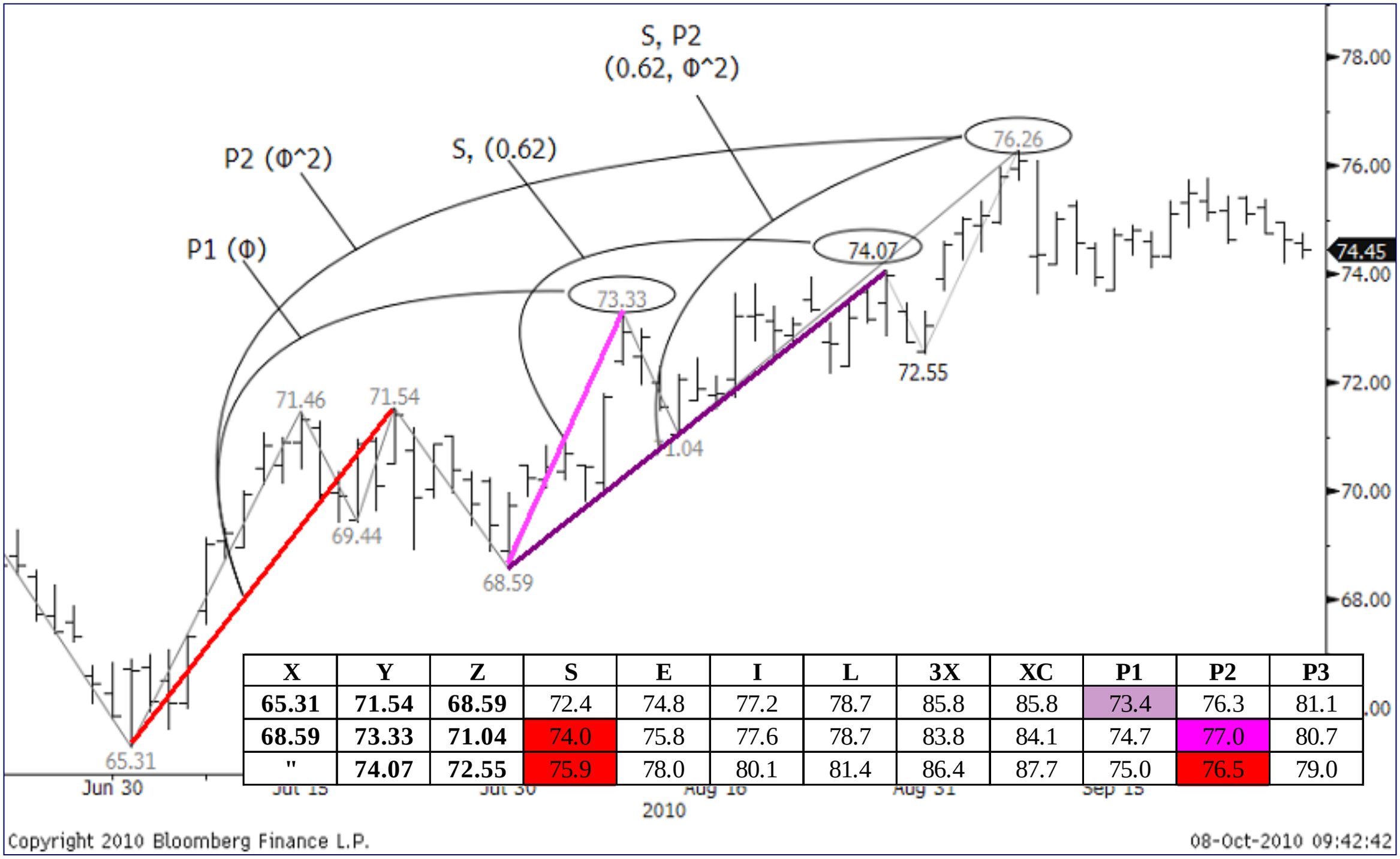
Wave Projections

MCD Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
65.31	**71.54**	**68.59**	72.4	74.8	77.2	78.7	85.8	85.8	73.4	76.3	81.1
68.59	**73.33**	**71.04**	74.0	75.8	77.6	78.7	83.8	84.1	74.7	77.0	80.7
"	**74.07**	**72.55**	75.9	78.0	80.1	81.4	86.4	87.7	75.0	76.5	79.0

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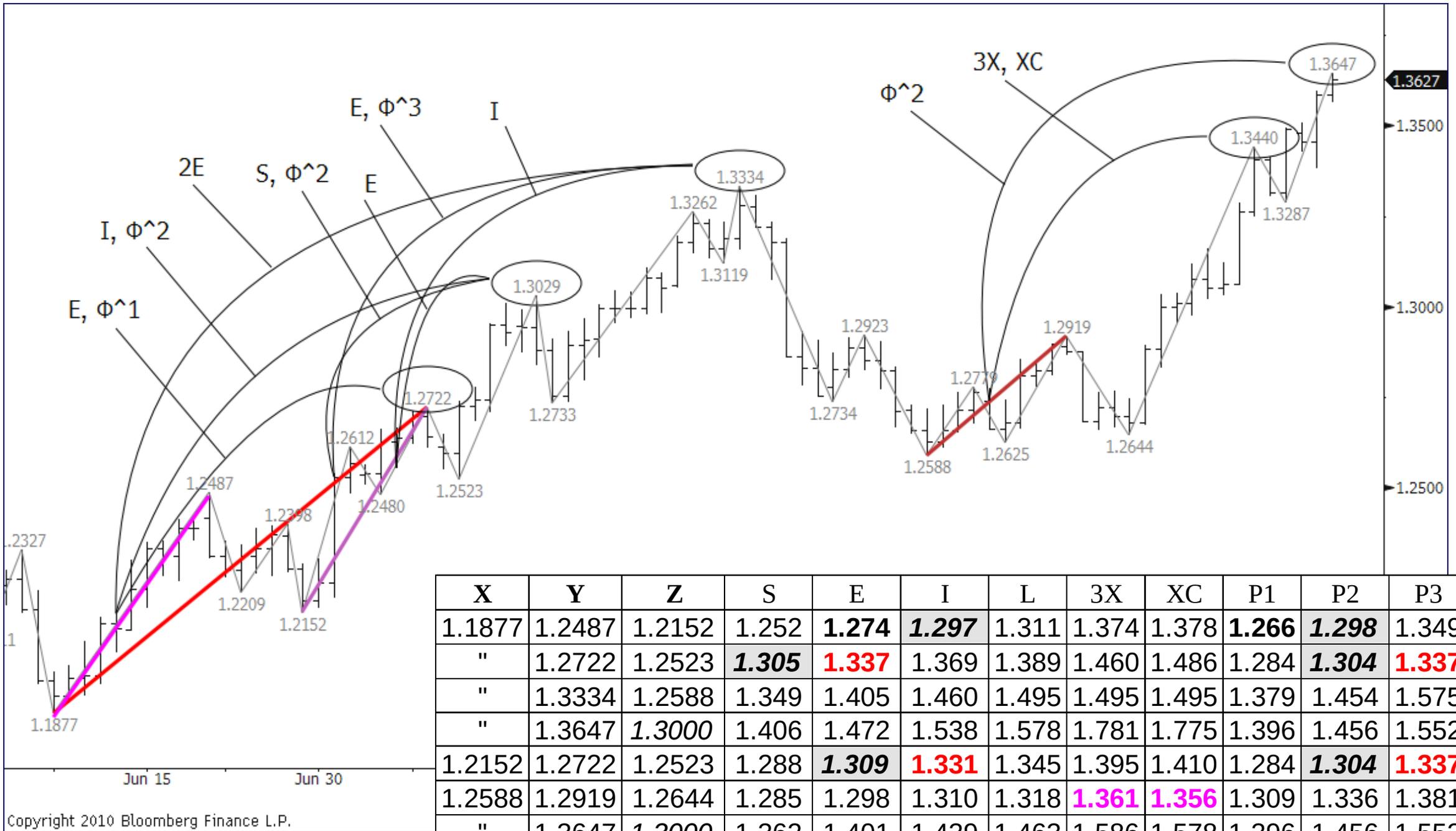
Wave Projections

EURUSD Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
1.1877	1.2487	1.2152	1.252	**1.274**	***1.297***	1.311	1.374	1.378	**1.266**	***1.298***	1.349
"	1.2722	1.2523	***1.305***	1.337	1.369	1.389	1.460	1.486	1.284	***1.304***	1.337
"	1.3334	1.2588	1.349	1.405	1.460	1.495	1.495	1.495	1.379	1.454	1.575
"	1.3647	*1.3000*	1.406	1.472	1.538	1.578	1.781	1.775	1.396	1.456	1.552
1.2152	1.2722	1.2523	1.288	***1.309***	1.331	1.345	1.395	1.410	1.284	***1.304***	1.337
1.2588	1.2919	1.2644	1.285	1.298	1.310	1.318	1.361	1.356	1.309	1.336	1.381
"	1.3647	*1.3000*	1.362	1.401	1.439	1.463	1.586	1.578	1.396	1.456	1.552

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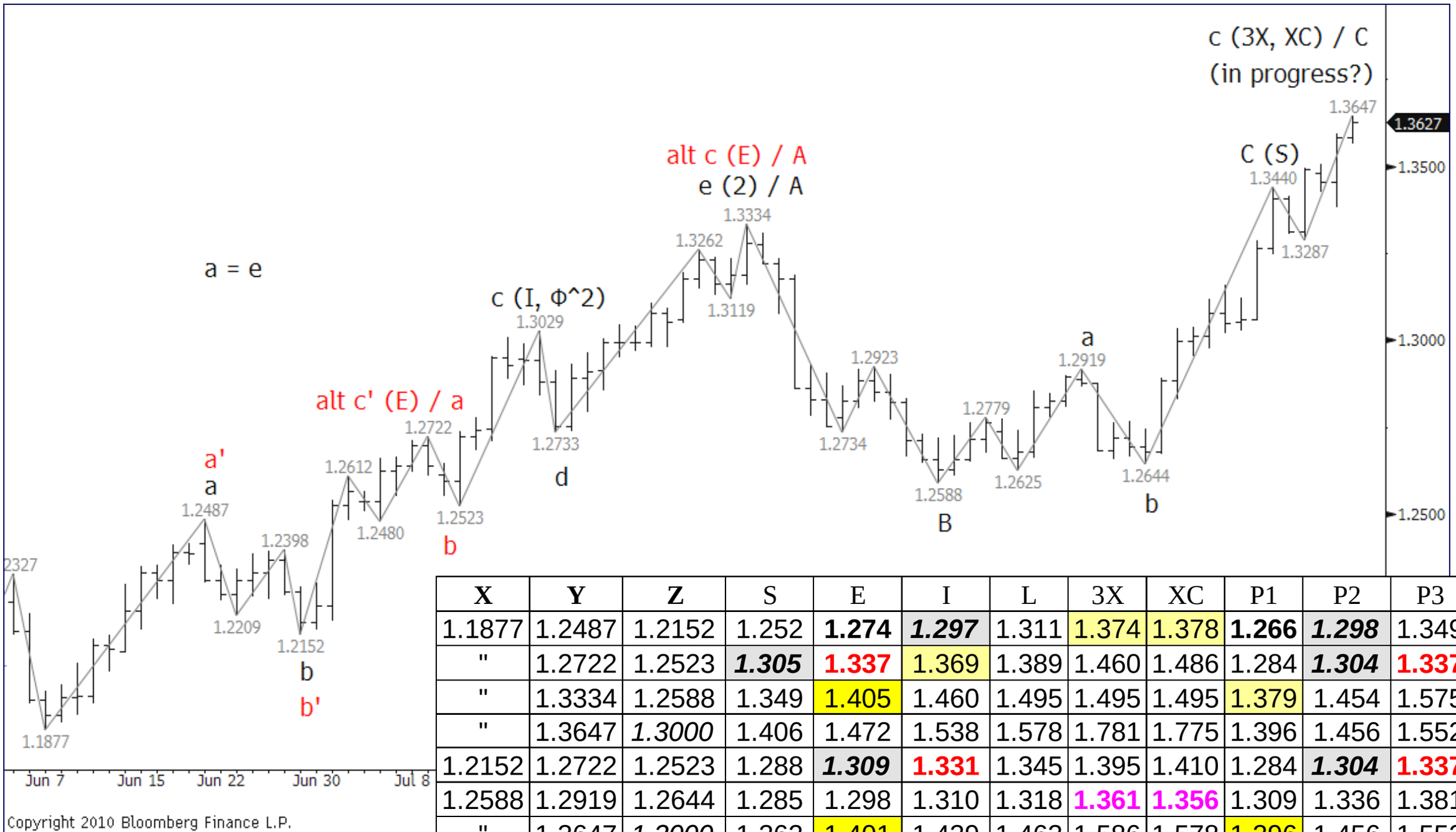
Wave Projections

EURUSD Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
1.1877	1.2487	1.2152	1.252	**1.274**	***1.297***	1.311	1.374	1.378	**1.266**	***1.298***	1.349
"	1.2722	1.2523	***1.305***	1.337	1.369	1.389	1.460	1.486	1.284	***1.304***	1.337
"	1.3334	1.2588	1.349	1.405	1.460	1.495	1.495	1.495	1.379	1.454	1.575
"	1.3647	*1.3000*	1.406	1.472	1.538	1.578	1.781	1.775	1.396	1.456	1.552
1.2152	1.2722	1.2523	1.288	***1.309***	1.331	1.345	1.395	1.410	1.284	***1.304***	1.337
1.2588	1.2919	1.2644	1.285	1.298	1.310	1.318	1.361	1.356	1.309	1.336	1.381
"	1.3647	*1.3000*	1.362	1.401	1.439	1.463	1.586	1.578	1.396	1.456	1.552

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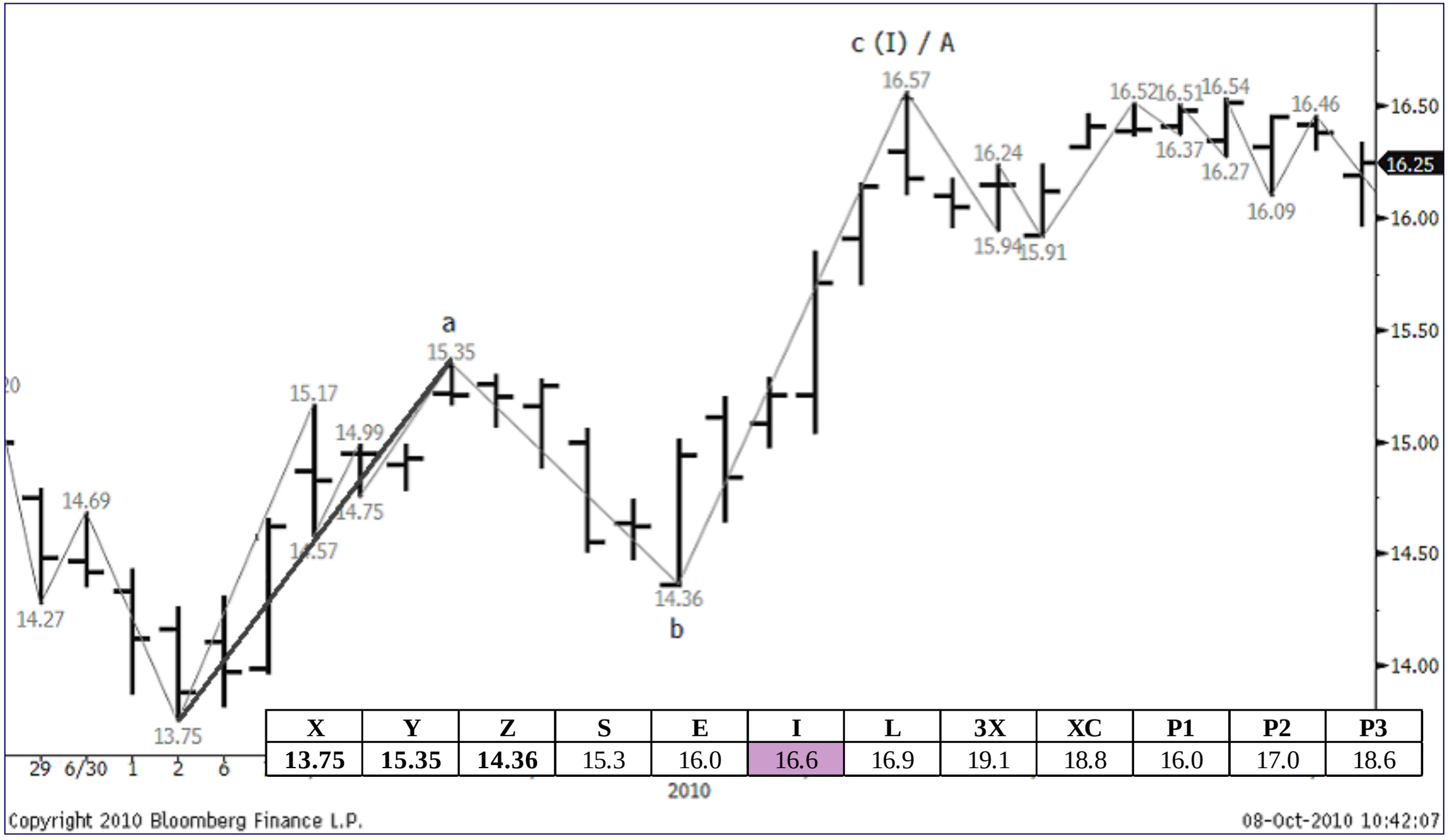
Detail of Wave A

GE Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
13.75	**15.35**	**14.36**	15.3	16.0	16.6	16.9	19.1	18.8	16.0	17.0	18.6

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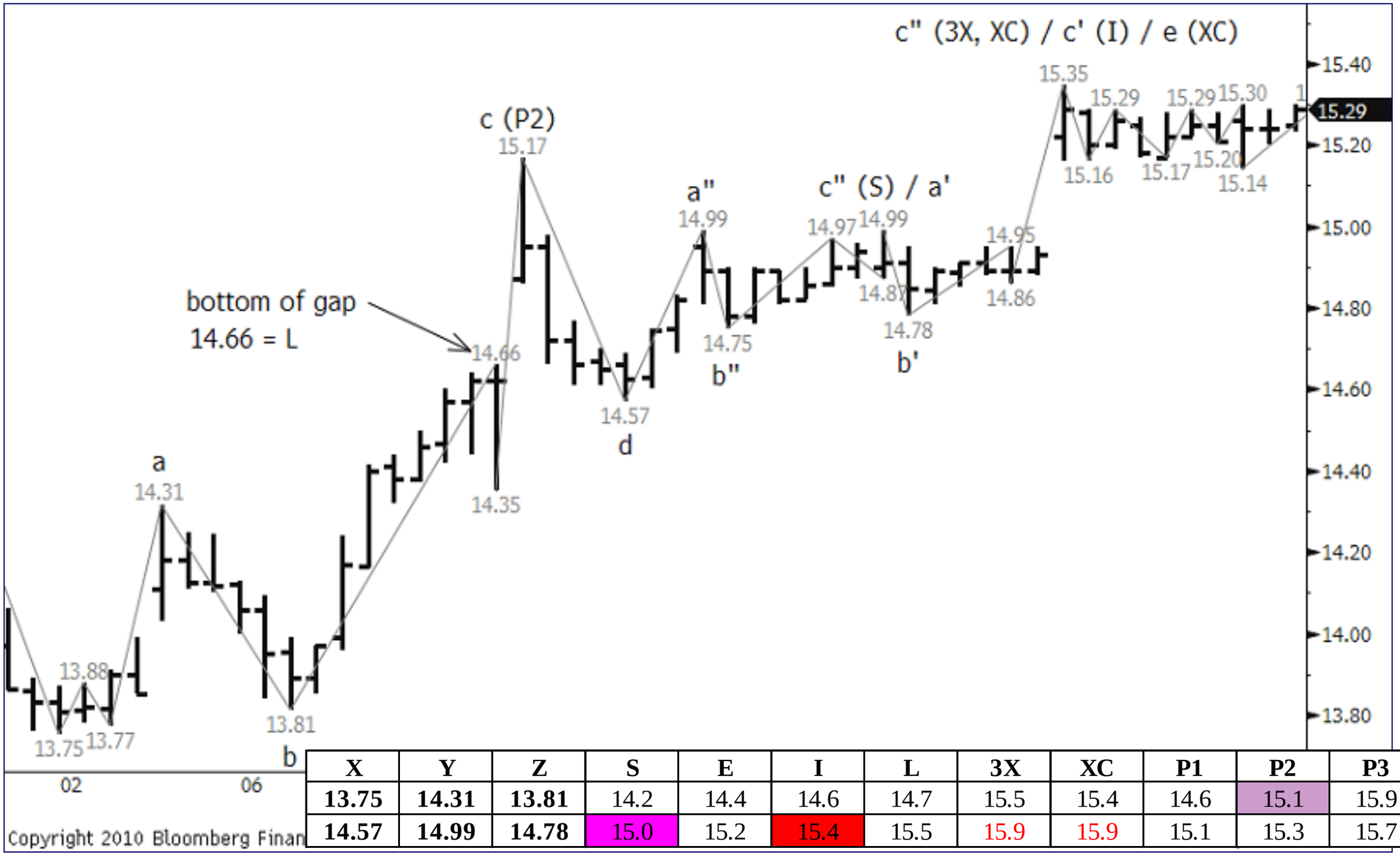
Detail of Wave a/A

GE 60-Minute



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
13.75	**14.31**	**13.81**	14.2	14.4	14.6	14.7	15.5	15.4	14.6	15.1	15.9
14.57	**14.99**	**14.78**	15.0	15.2	15.4	15.5	15.9	15.9	15.1	15.3	15.7

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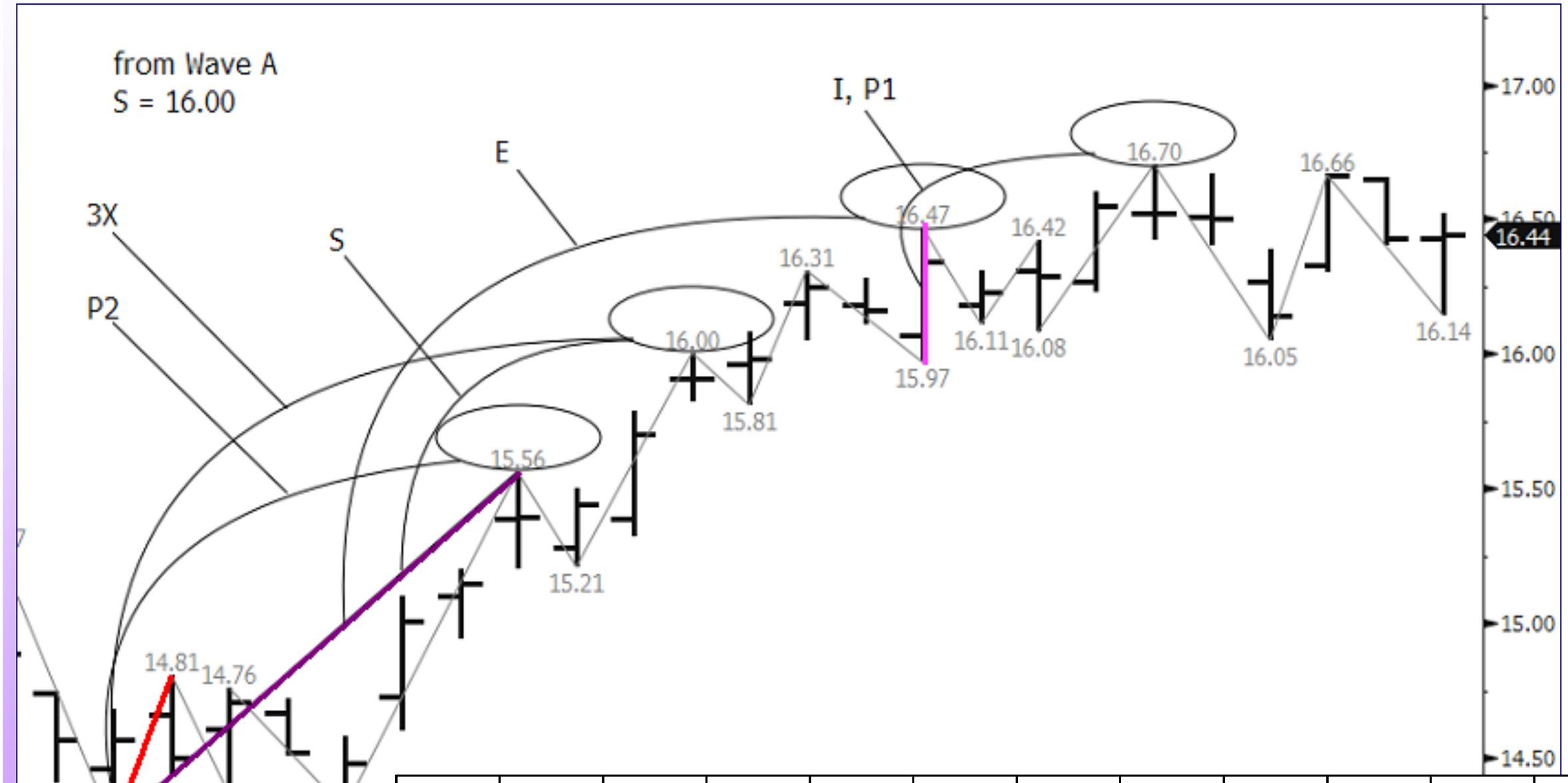
Detail of Wave C

GE Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
14.25	**14.81**	**14.31**	14.7	14.9	15.1	15.2	16.0	15.9	15.1	15.6	16.4
"	**15.56**	**15.21**	16.0	16.5	17.0	17.3	18.6	18.8	15.8	16.1	16.7
15.97	**16.47**	**16.08**	16.4	16.6	16.7	16.9	17.5	17.4	16.7	17.1	17.8

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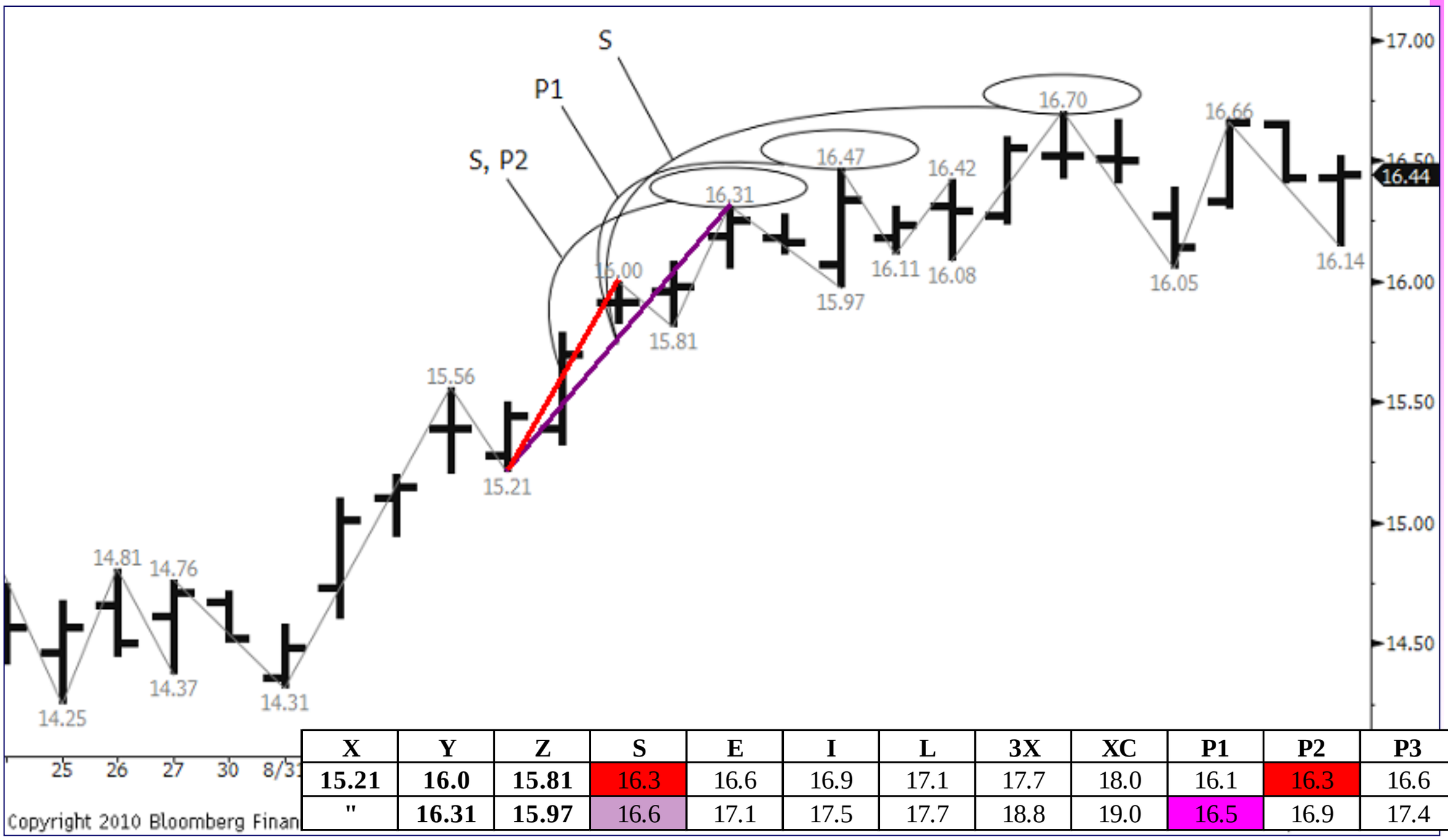
More Detail of Wave C

GE Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
15.21	**16.0**	**15.81**	16.3	16.6	16.9	17.1	17.7	18.0	16.1	16.3	16.6
"	**16.31**	**15.97**	16.6	17.1	17.5	17.7	18.8	19.0	16.5	16.9	17.4

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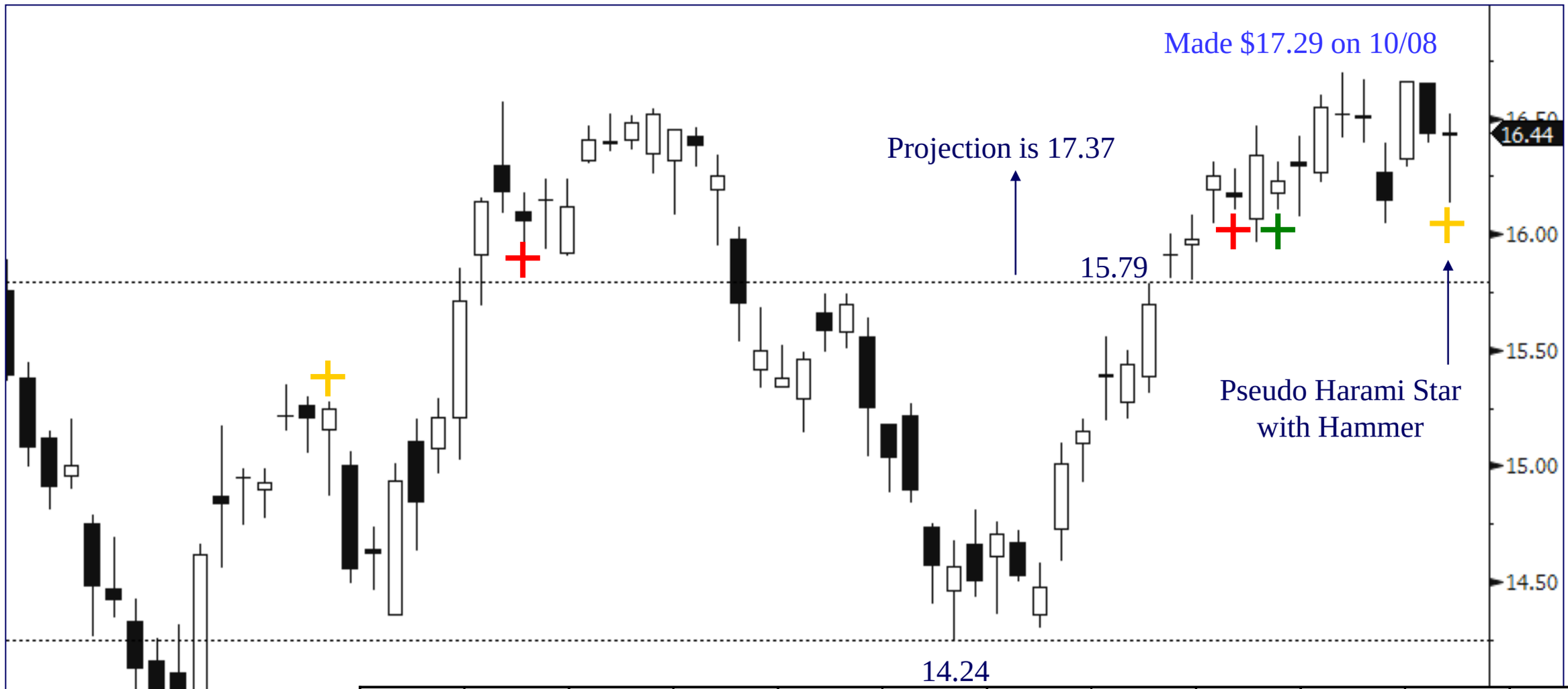
Gap Projection with Candlesticks

GE Daily



X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
13.75	**14.31**	**13.81**	14.2	14.4	14.6	14.7	15.5	15.4	14.6	15.1	15.9
"	**15.35**	**14.36**	15.3	16.0	16.6	16.9	19.1	18.8	16.0	17.0	18.6
14.57	**14.99**	**14.78**	15.0	15.2	15.4	15.5	15.9	15.9	15.1	15.3	15.7
14.25	**14.81**	**14.31**	14.7	14.9	15.1	15.2	16.0	15.9	15.1	15.6	16.4
"	**15.56**	**15.21**	16.0	16.5	17.0	17.3	18.6	18.8	15.8	16.1	16.7
15.97	**16.47**	**16.08**	16.4	16.6	16.7	16.9	17.5	17.4	16.7	17.1	17.8
15.21	**16.0**	**15.81**	16.3	16.6	16.9	17.1	17.7	18.0	16.1	16.3	16.6
"	**16.31**	**15.97**	16.6	17.1	17.5	17.7	18.8	19.0	16.5	16.9	17.4

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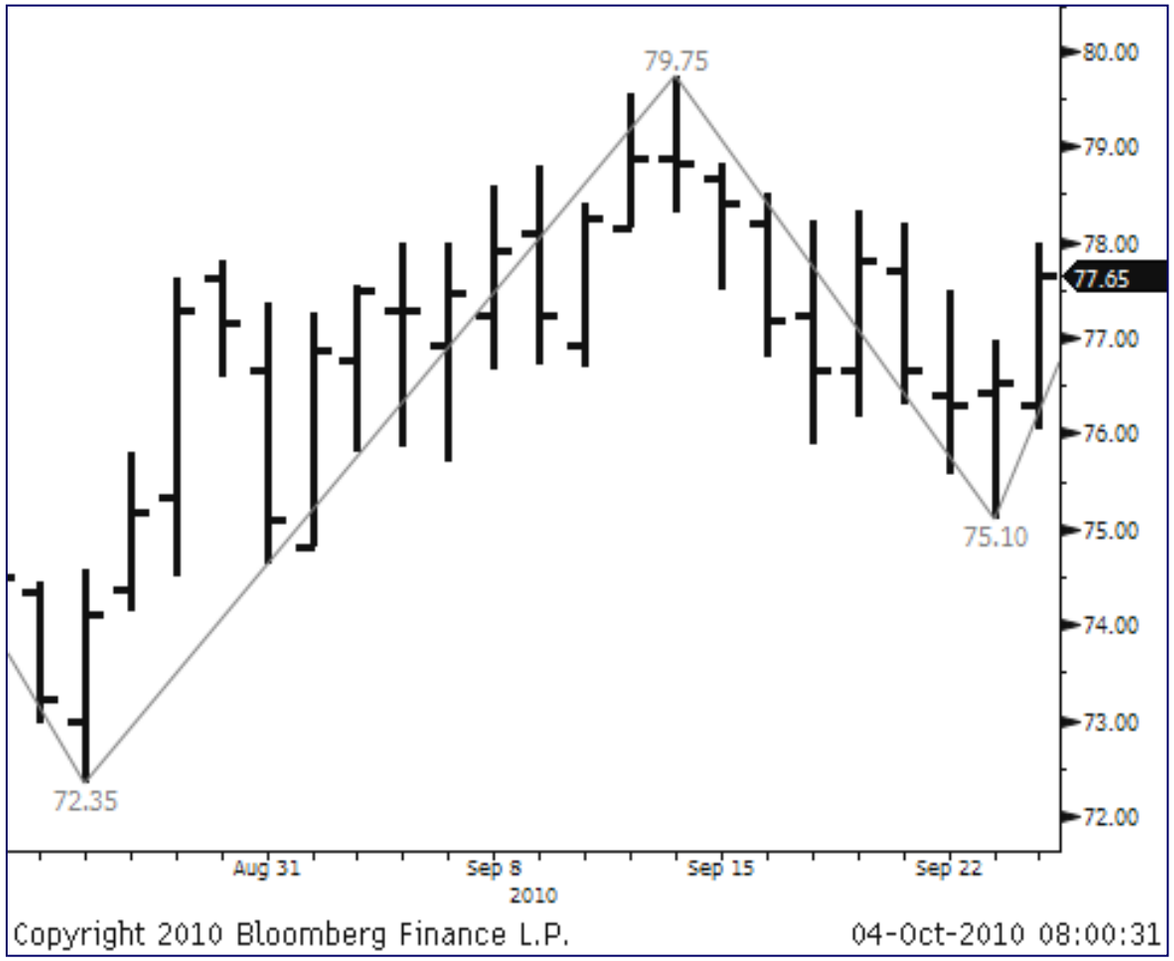
Calculating Retracements

Retracement Target Z = Y+/- ((Retrace %/100)*(Y-X))

Retrace % = 100*(Y-Z)/(Y-X)

CLZ0 Daily Retracements



YZ "Retraces" XY

Percent	Provenance
21	Fibonacci
33.3	Combined
38	Phi
50	Combined
62	Phi
66.6	Combined
89	Fibonacci

Calculating Target

79.75 – (0.62*(79.75 – 72.35))

79.75 – (0.62 * 7.4)

79.75 – 4.59 = 75.16

Calculating Percent

100*(79.75 – 75.1)/(79.75-72.35)

100* (4.65/7.4) = 0.628

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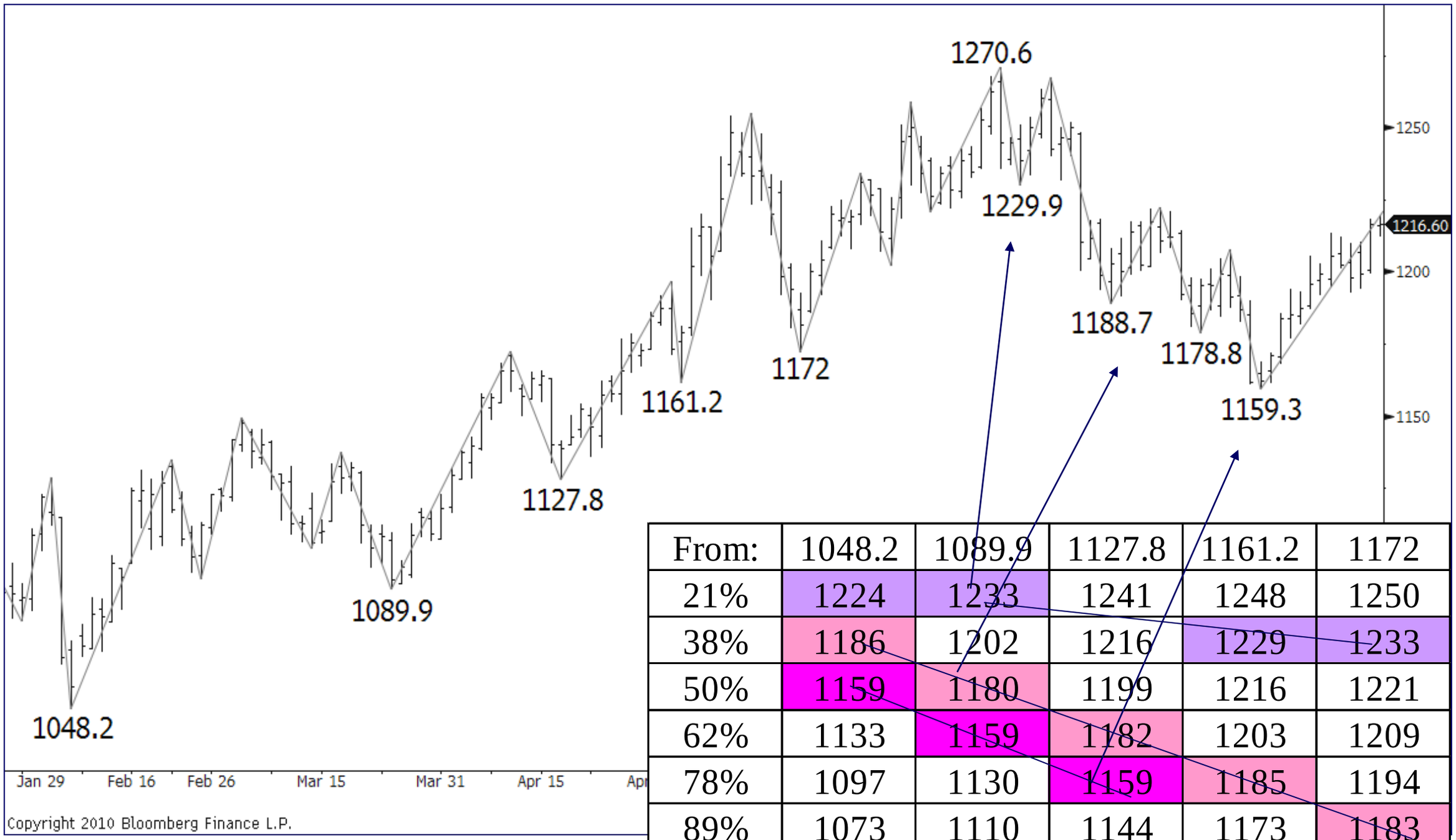
Calculating Retracements for a Forecast

GCZ0 Daily



From:	1048.2	1089.9	1127.8	1161.2	1172
21%	1224	1233	1241	1248	1250
38%	1186	1202	1216	1229	1233
50%	1159	1180	1199	1216	1221
62%	1133	1159	1182	1203	1209
78%	1097	1130	1159	1185	1194
89%	1073	1110	1144	1173	1183

The market may be tough but I slept like a baby last night – woke up every hour and cried.

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Filtering and Entry

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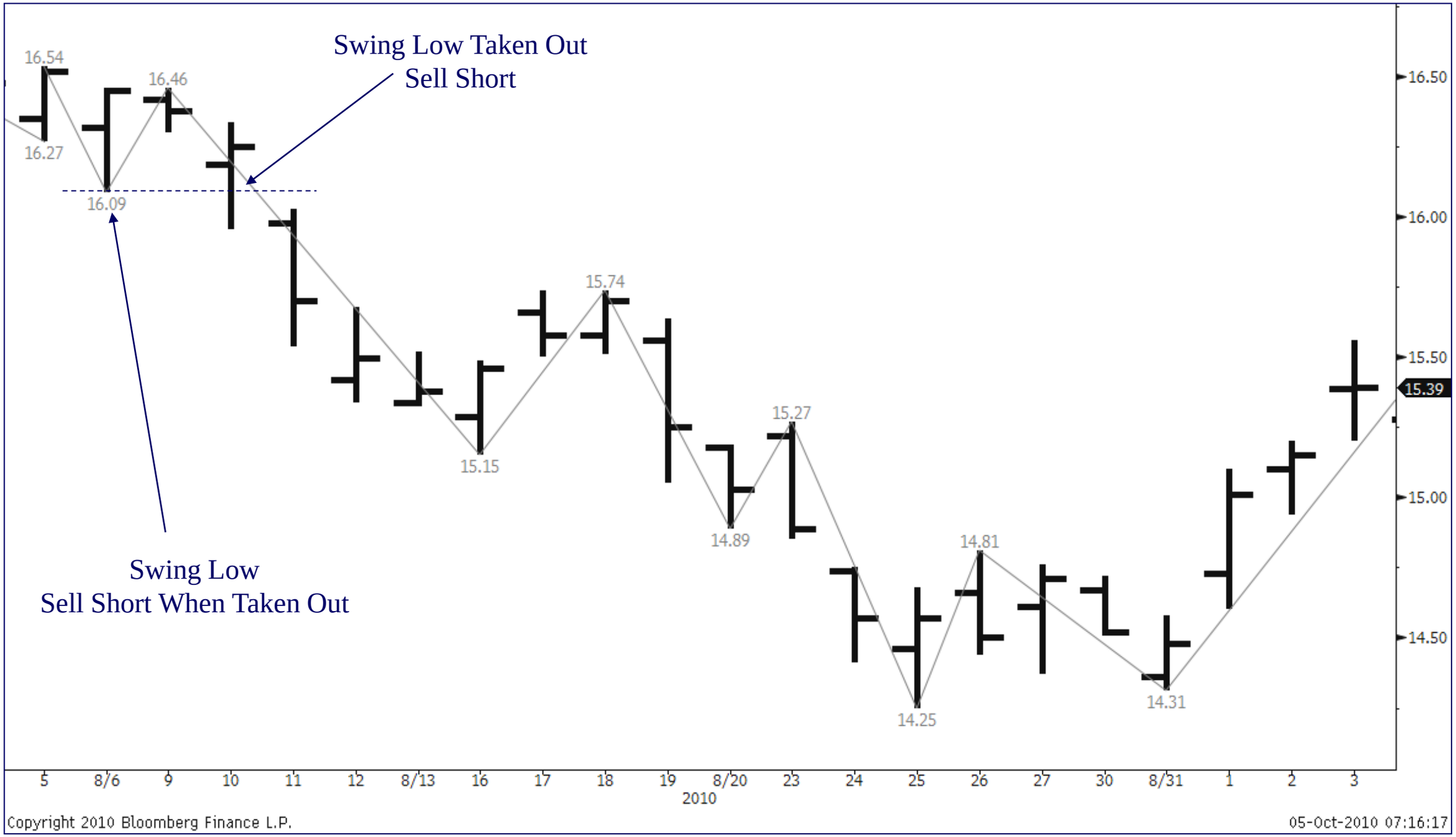
KaseSwing Entry (1)

GE Daily



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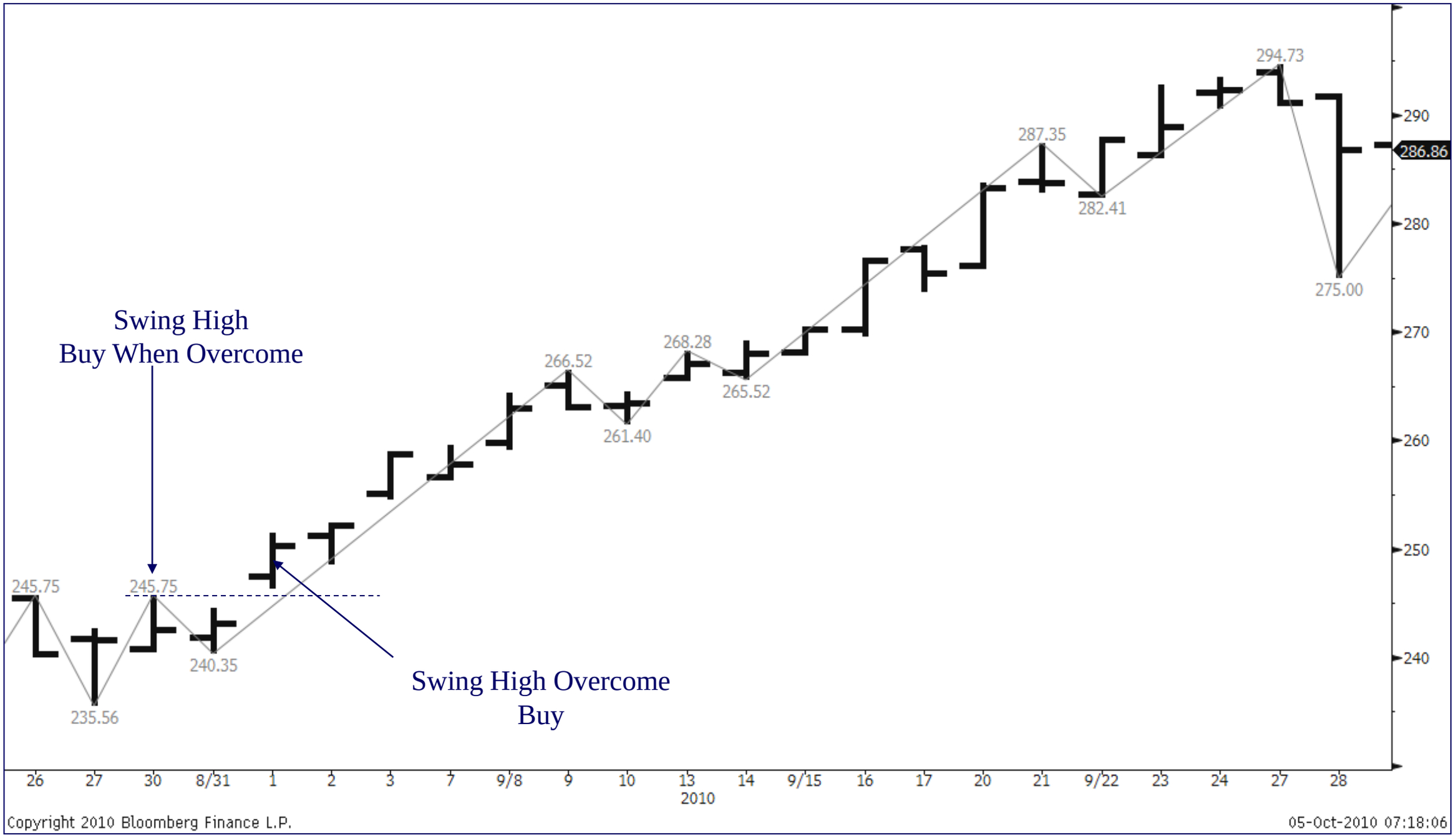
KaseSwing Entry (2)

AAPL Daily



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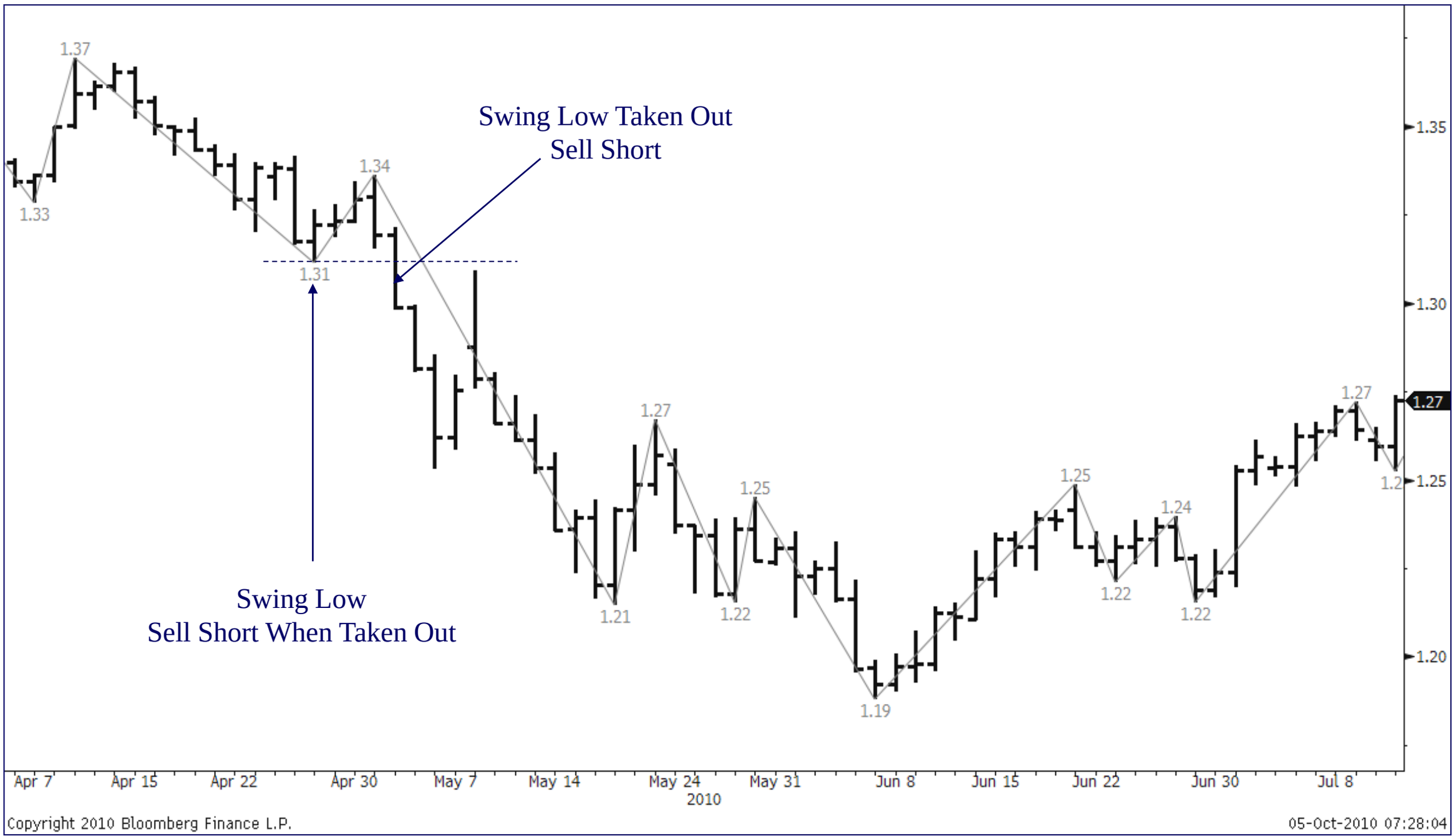
KaseSwing Entry (3)

EURUSD Daily



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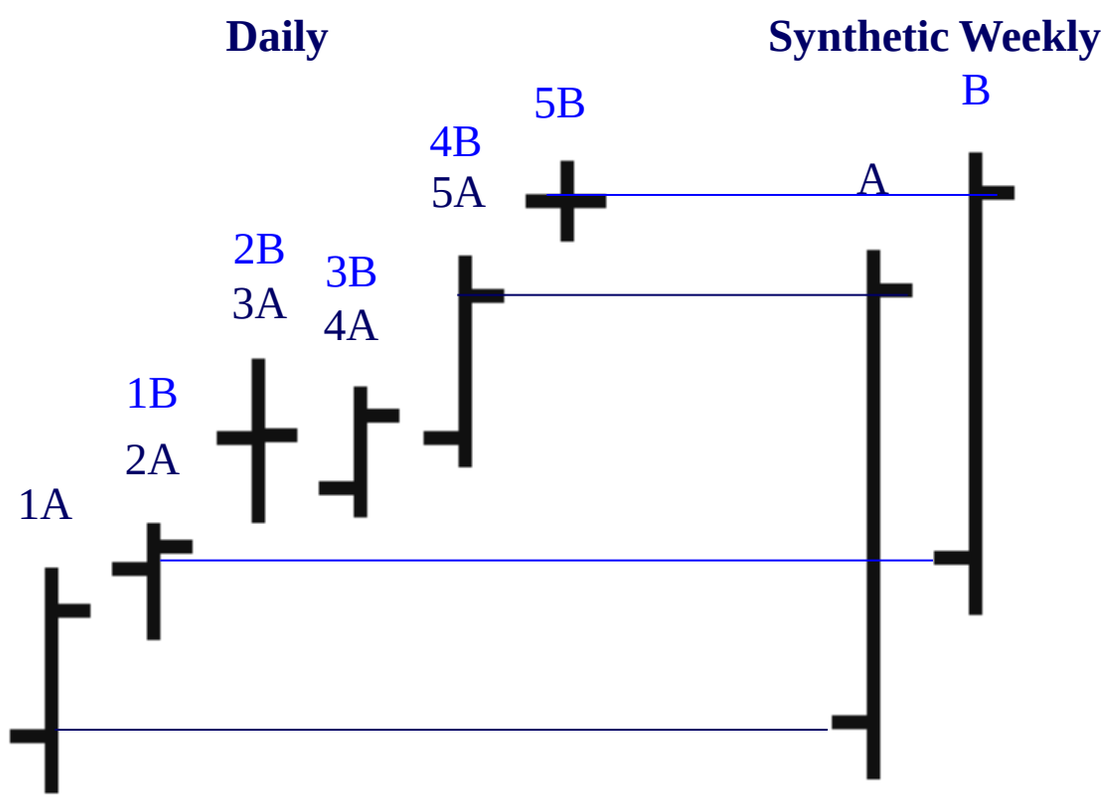
Synthetic Longer Bar Length

- Combines last X (default 5) bars to create synthetic longer bar length



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Kase Permission Stochastic and Function

- Kase Permission Stochastic applies Stochastic to synthetic longer bar
  - Permission Long, when
    - Oversold
    - Neutral and K>D
  - Permission Short
    - Overbought
    - Neutral and K<D
  - Triggers earlier than longer bar length on higher time frame chart

- Kase Permission Function plots as On/Off Histogram

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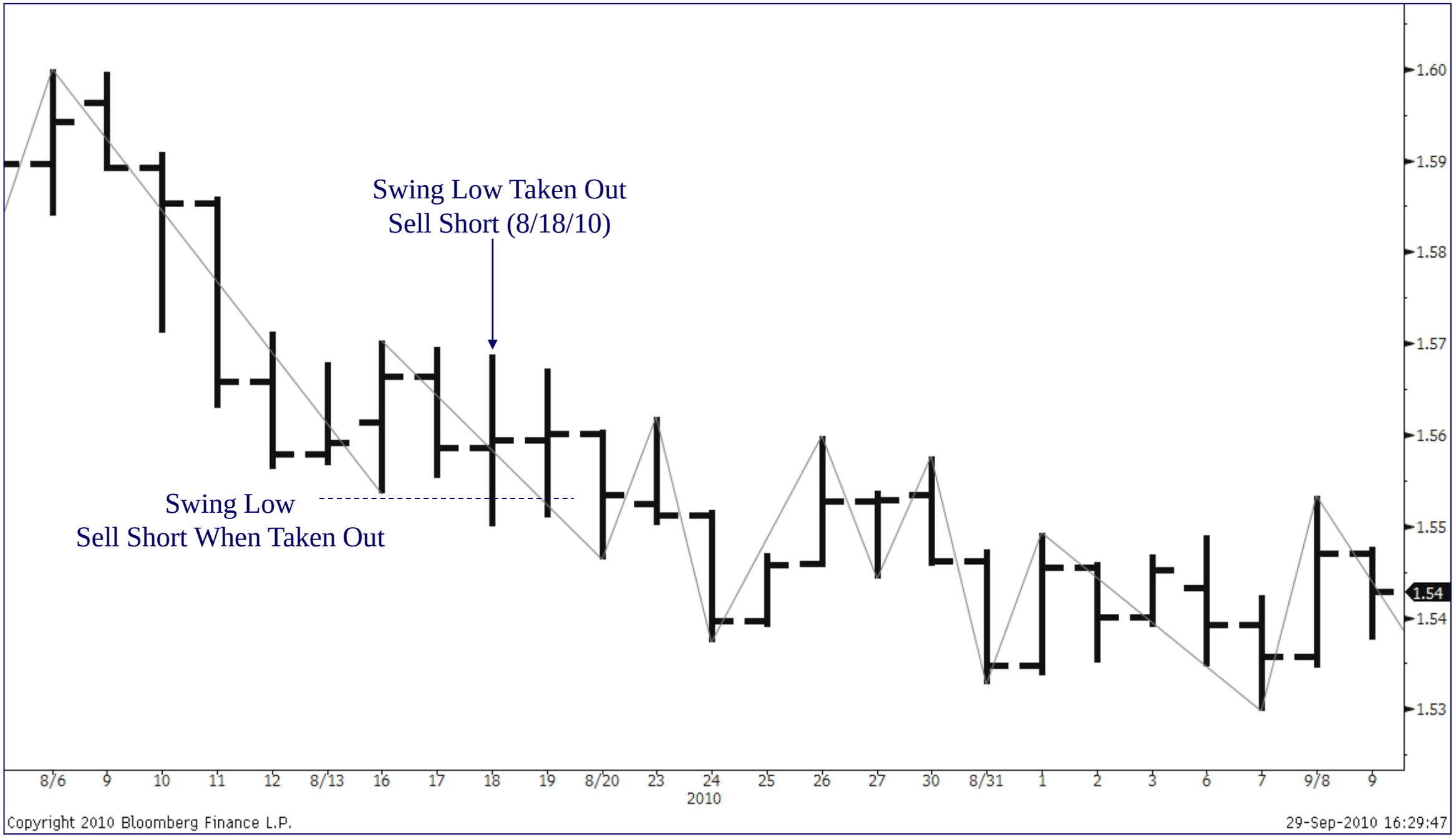
KaseSwing Entry (4)

GBPUSD Daily



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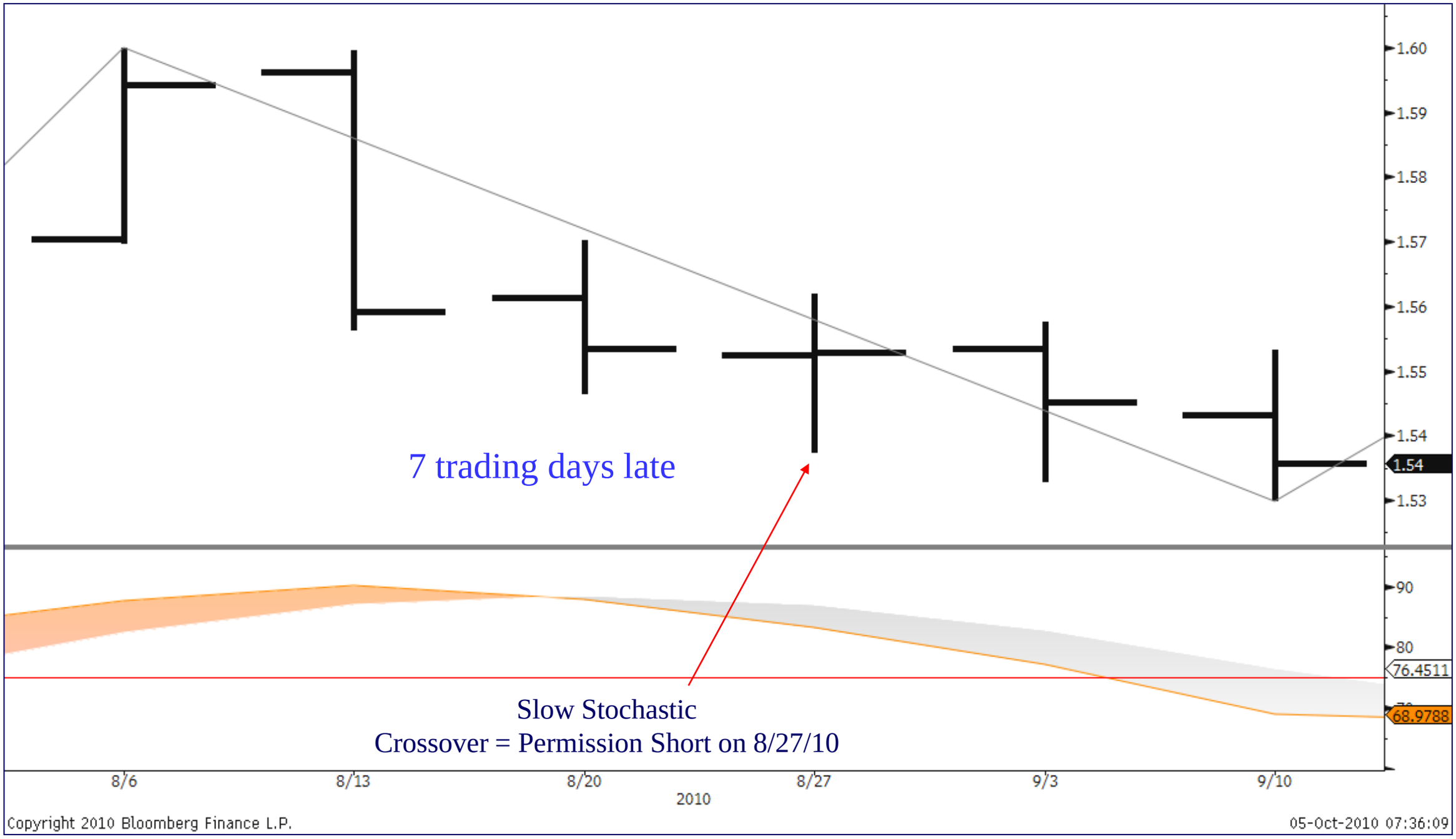
Weekly Stochastic Filter

GBPUSD Weekly



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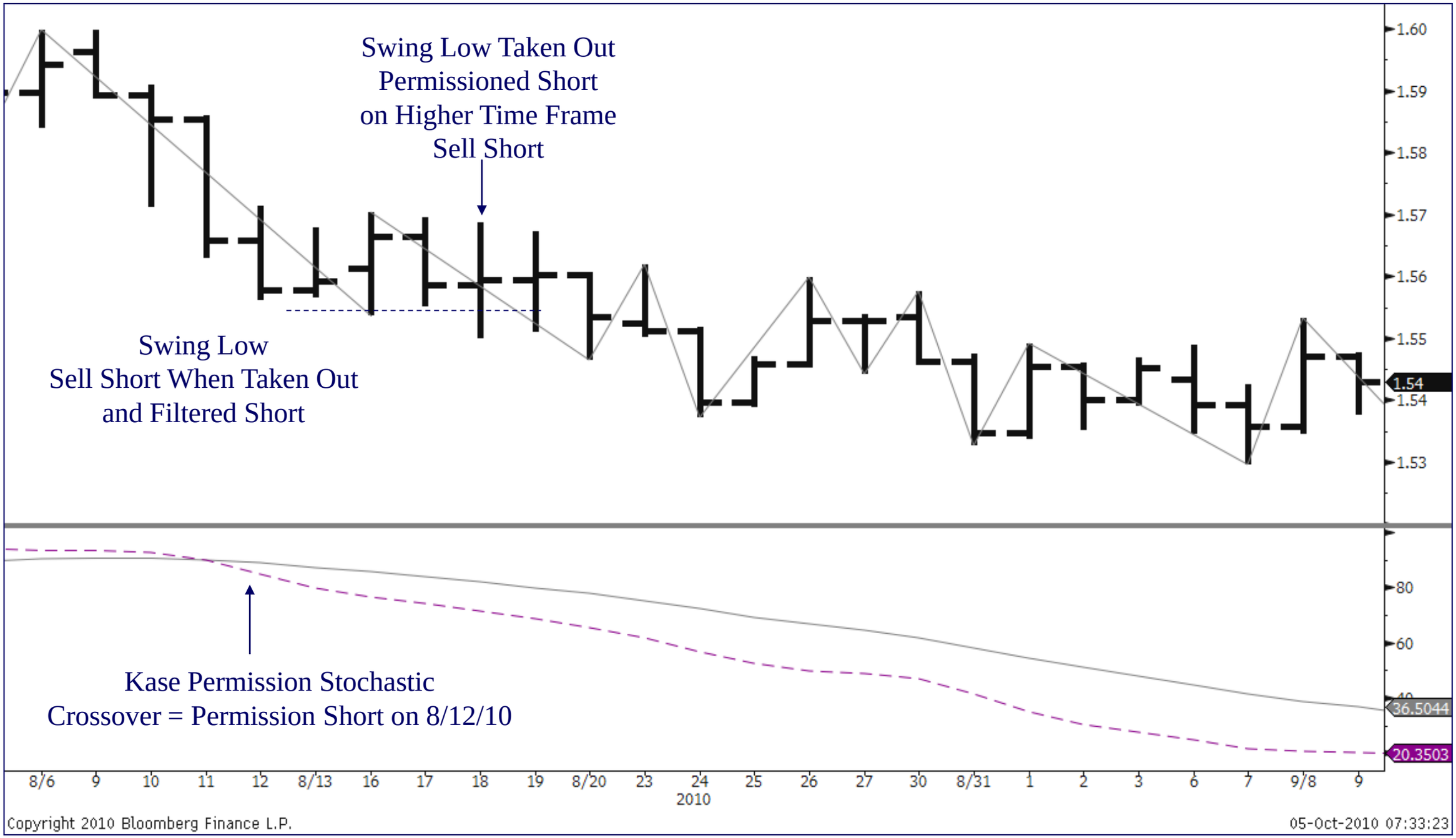
Kase Permission Stochastic Filter

GBPUSD Daily



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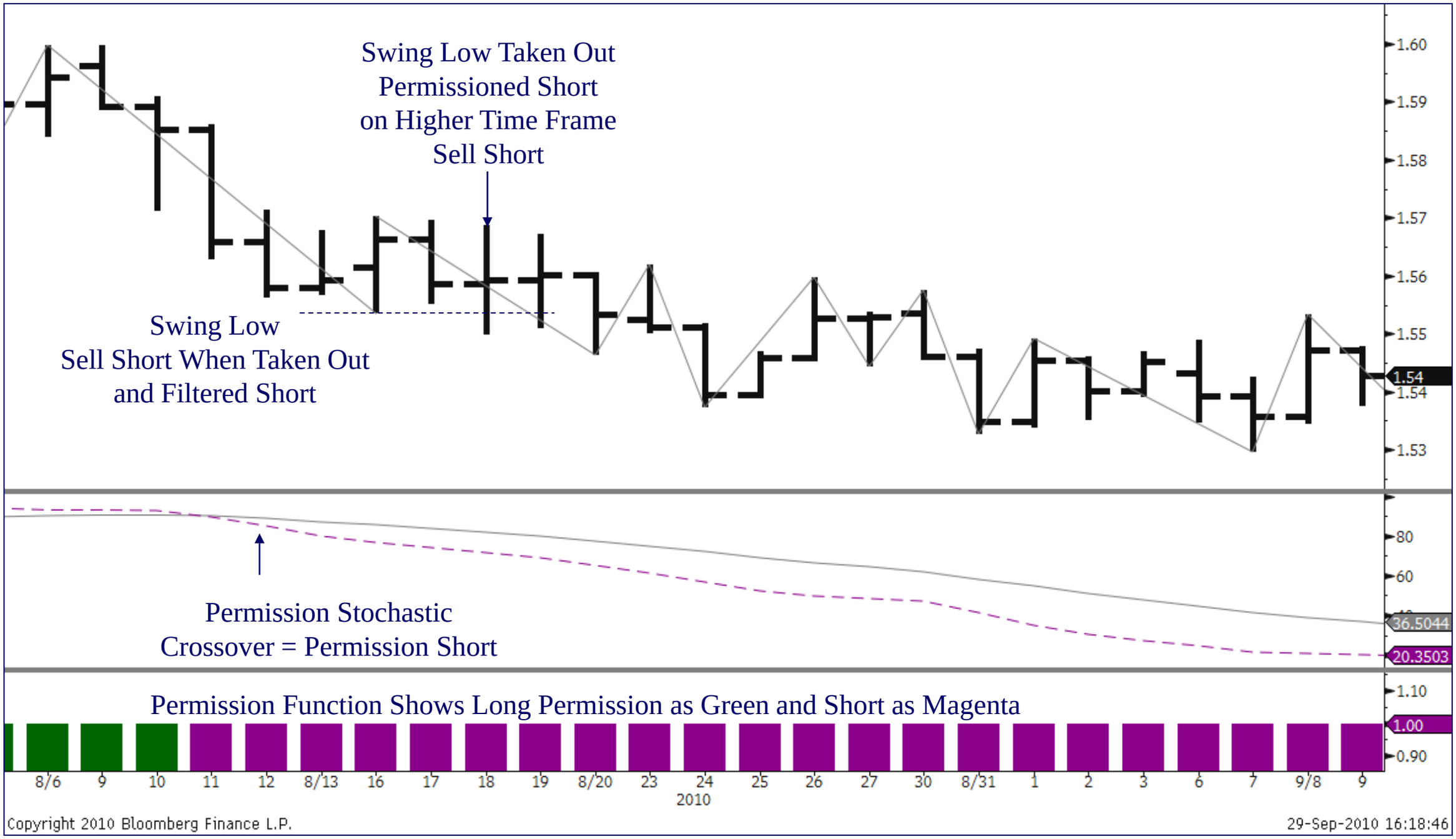
Kase Permission Function Filter

GBPUSD Daily



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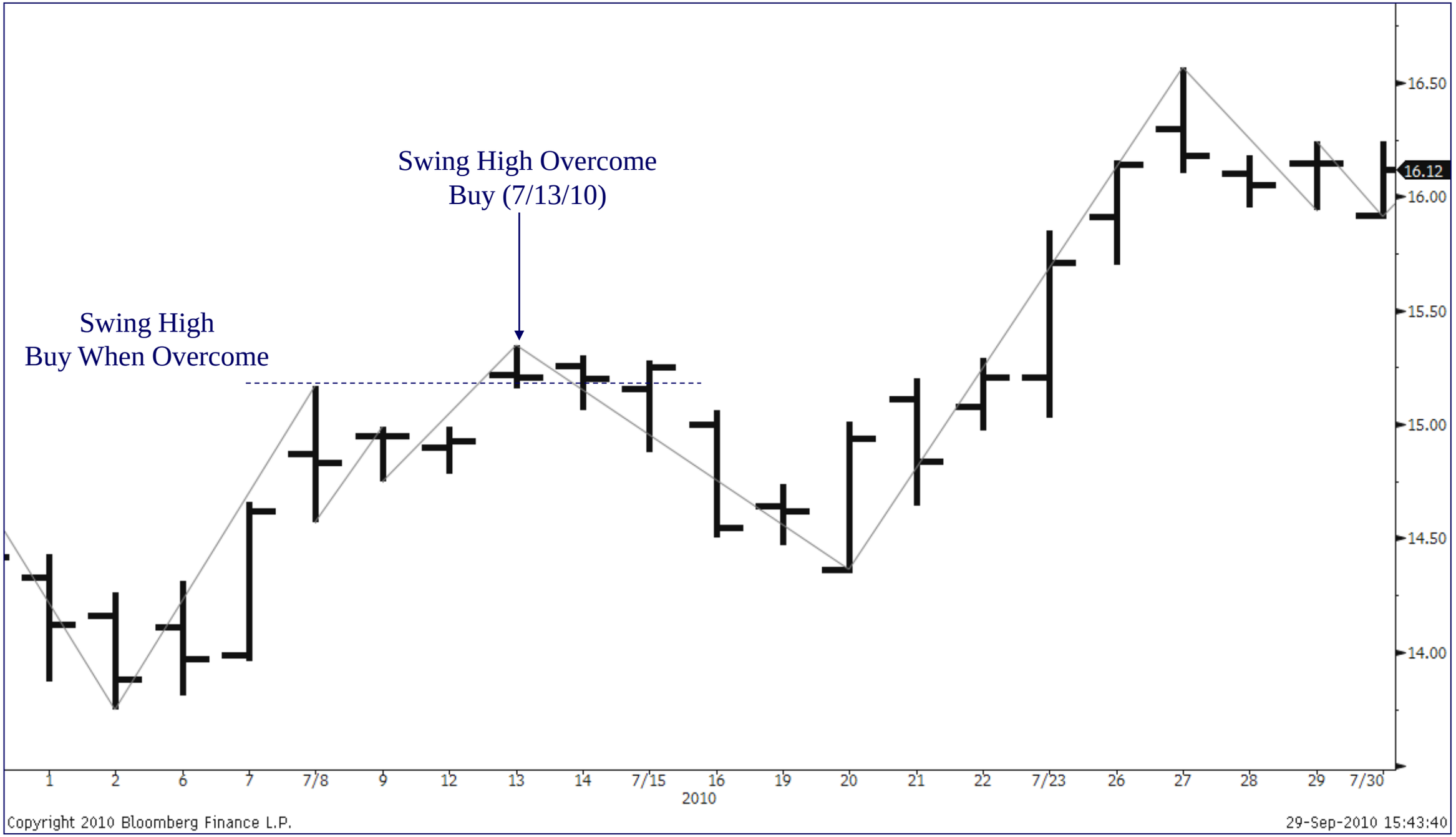
KaseSwing Entry (5)

GE Daily



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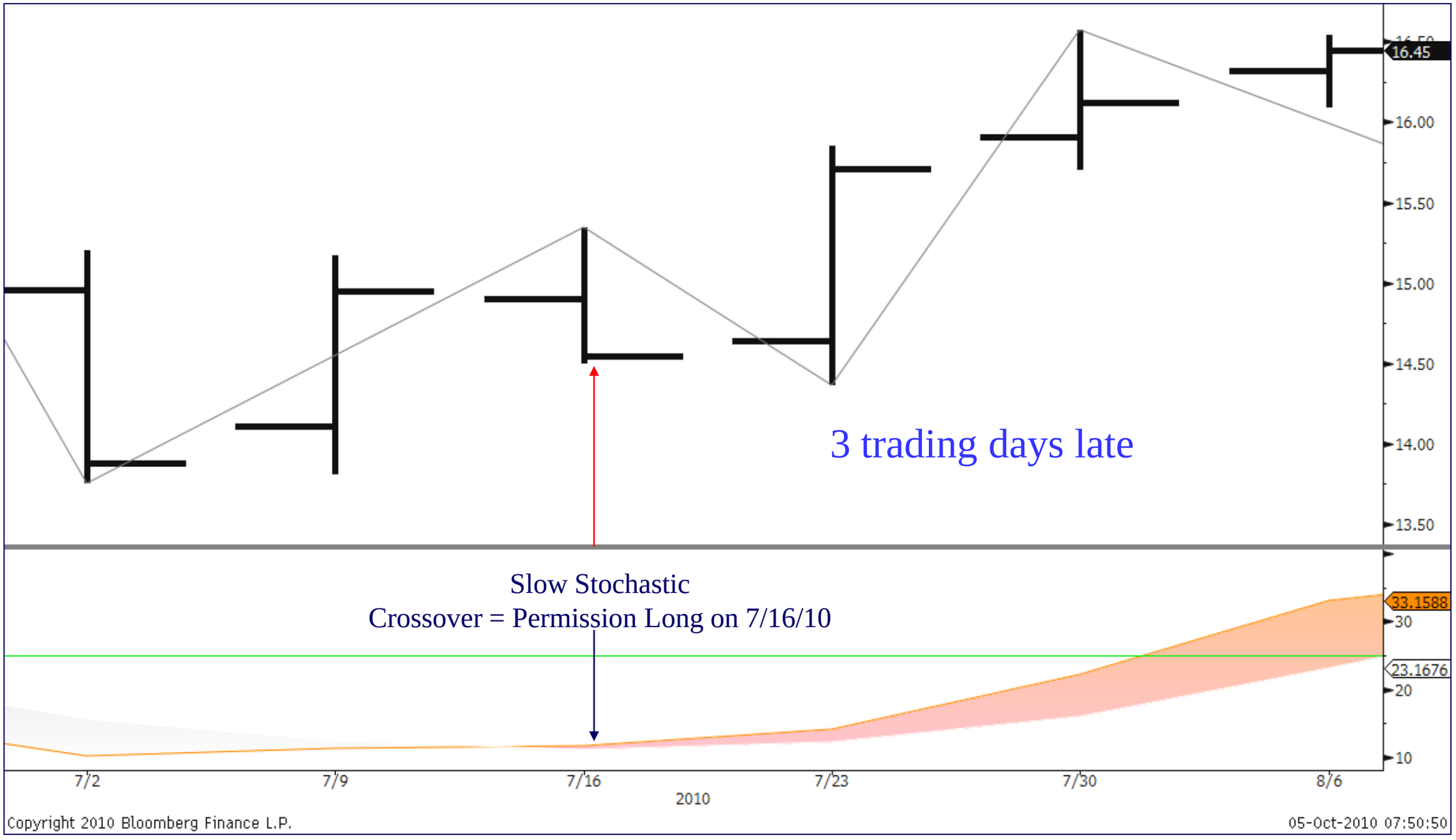
Weekly Stochastic Filter

GE Weekly



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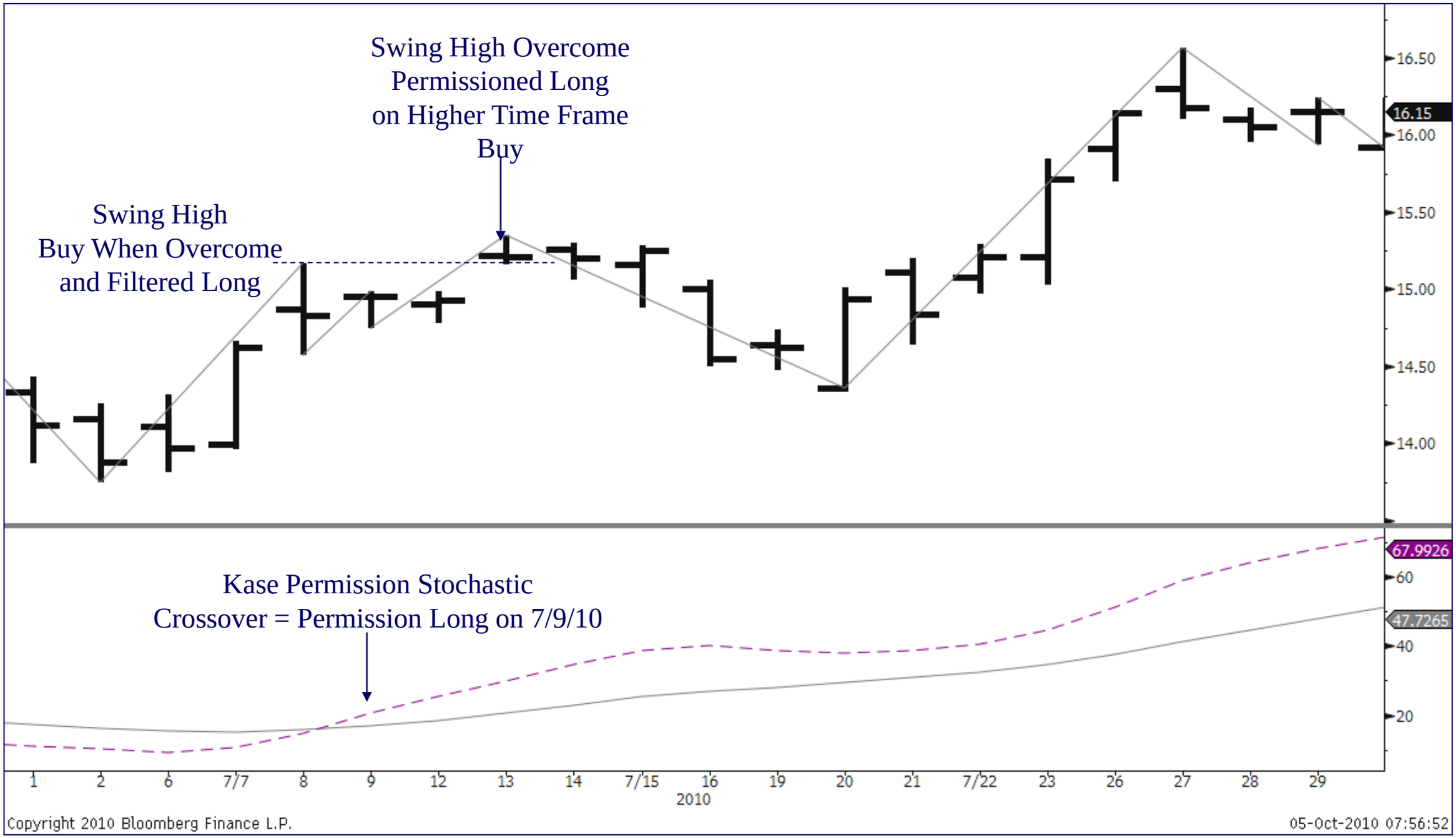
Kase Permission Stochastic Filter

GE Daily



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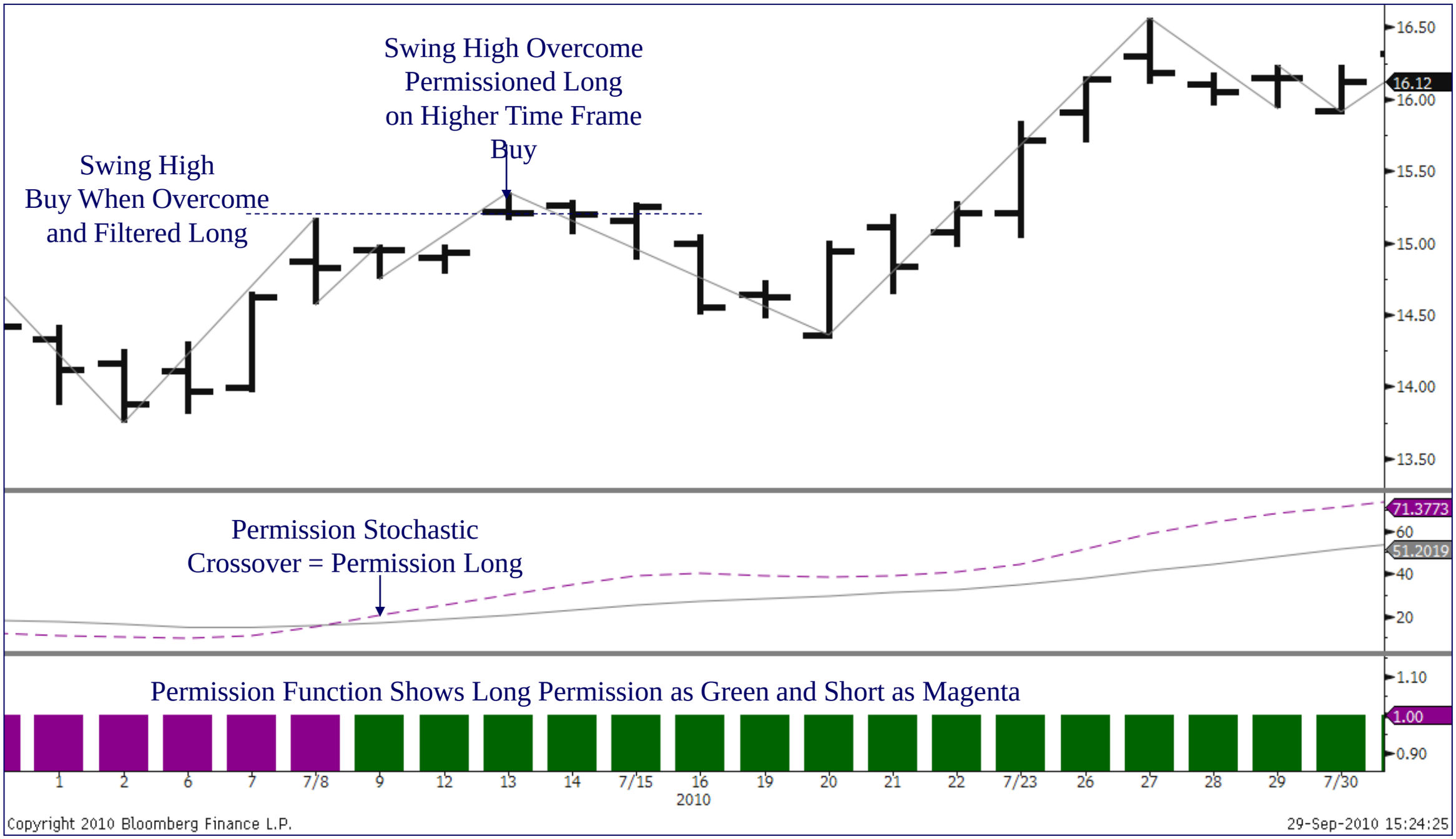
Kase Permission Function Filter

GE Daily



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KEES – Kase Easy Entry System
Three Basic Principles

1. 2/3rds Momentum Xovers Long or Short
2. Permission by Filter and/or Pattern
3. Second Signals

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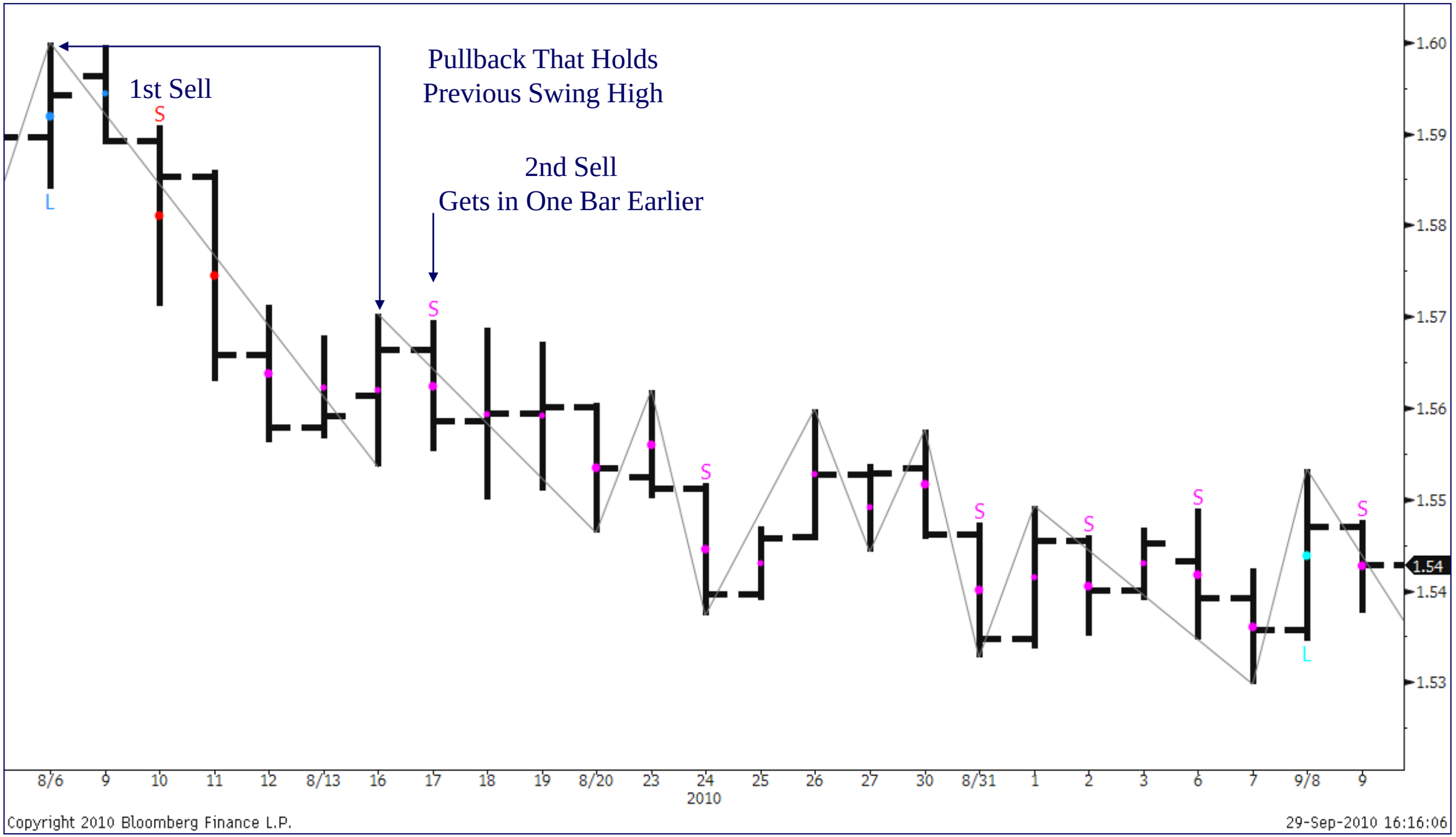
KEES Filtered Entry Signals (1)

GBPUSD Daily



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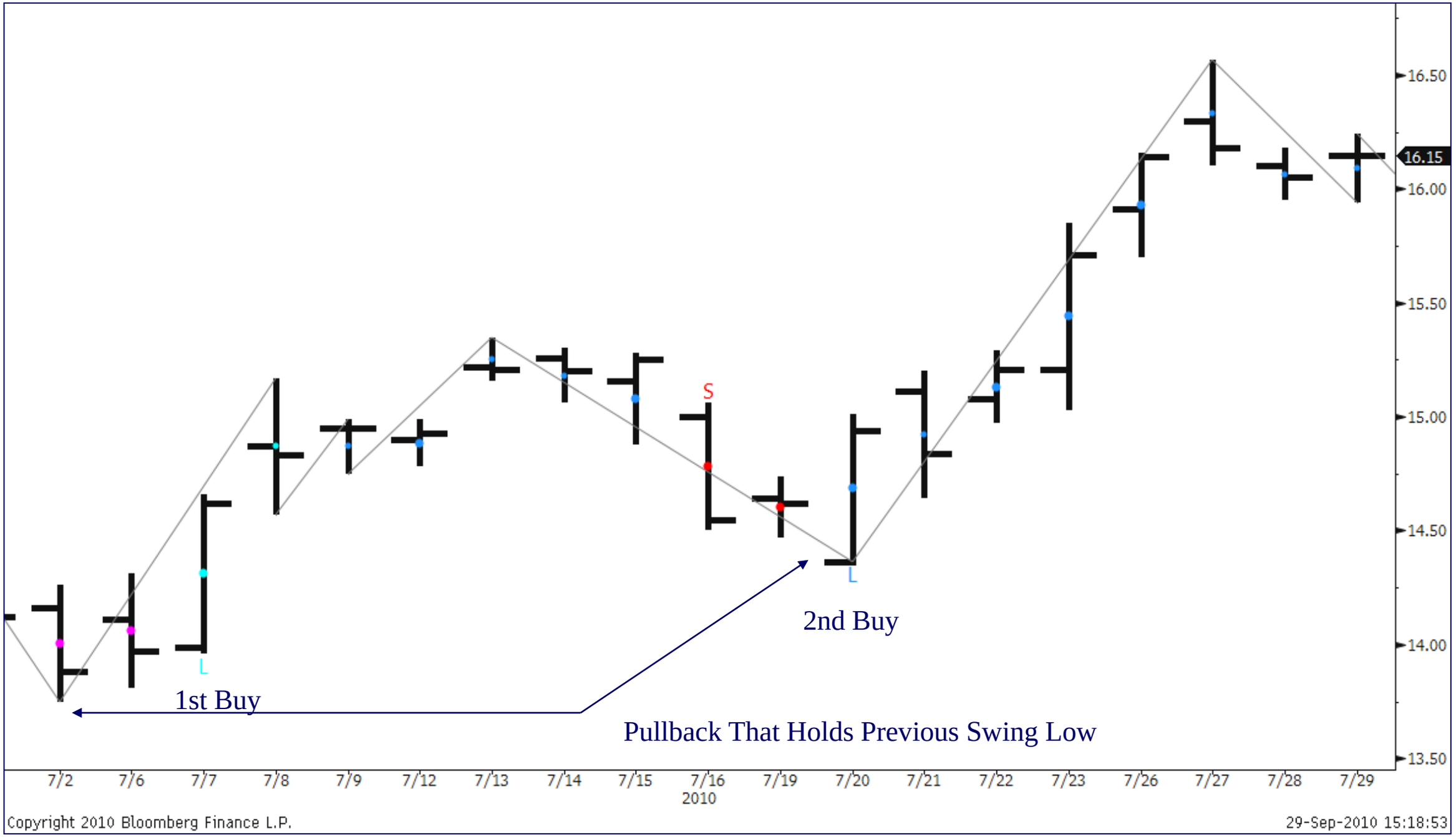
KEES Filtered Entry Signals (2)

GE Daily



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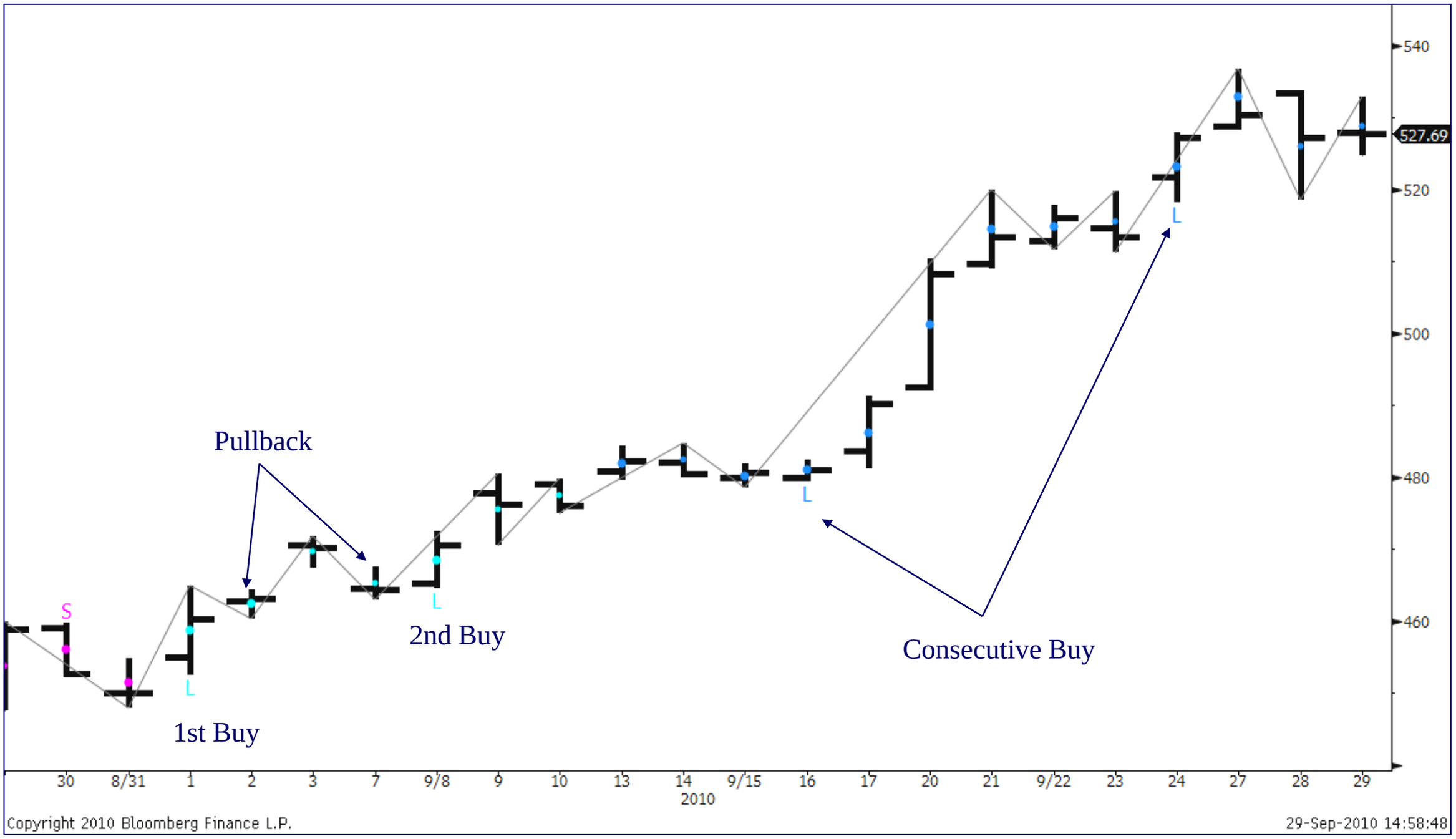
KEES Filtered Entry Signals (3)

GOOG Daily



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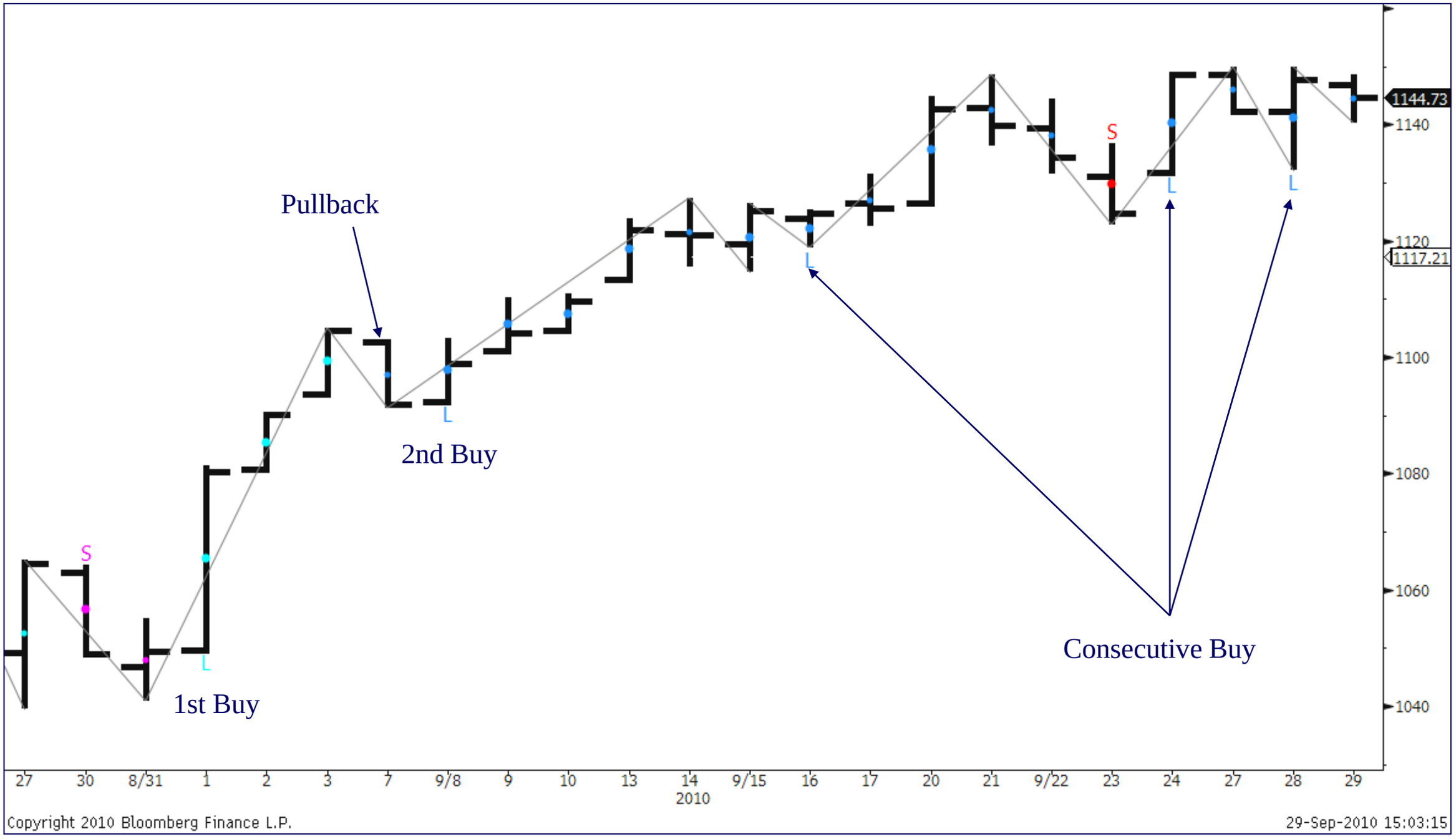
KEES Filtered Entry Signals (4)

S&P 500 Index Daily



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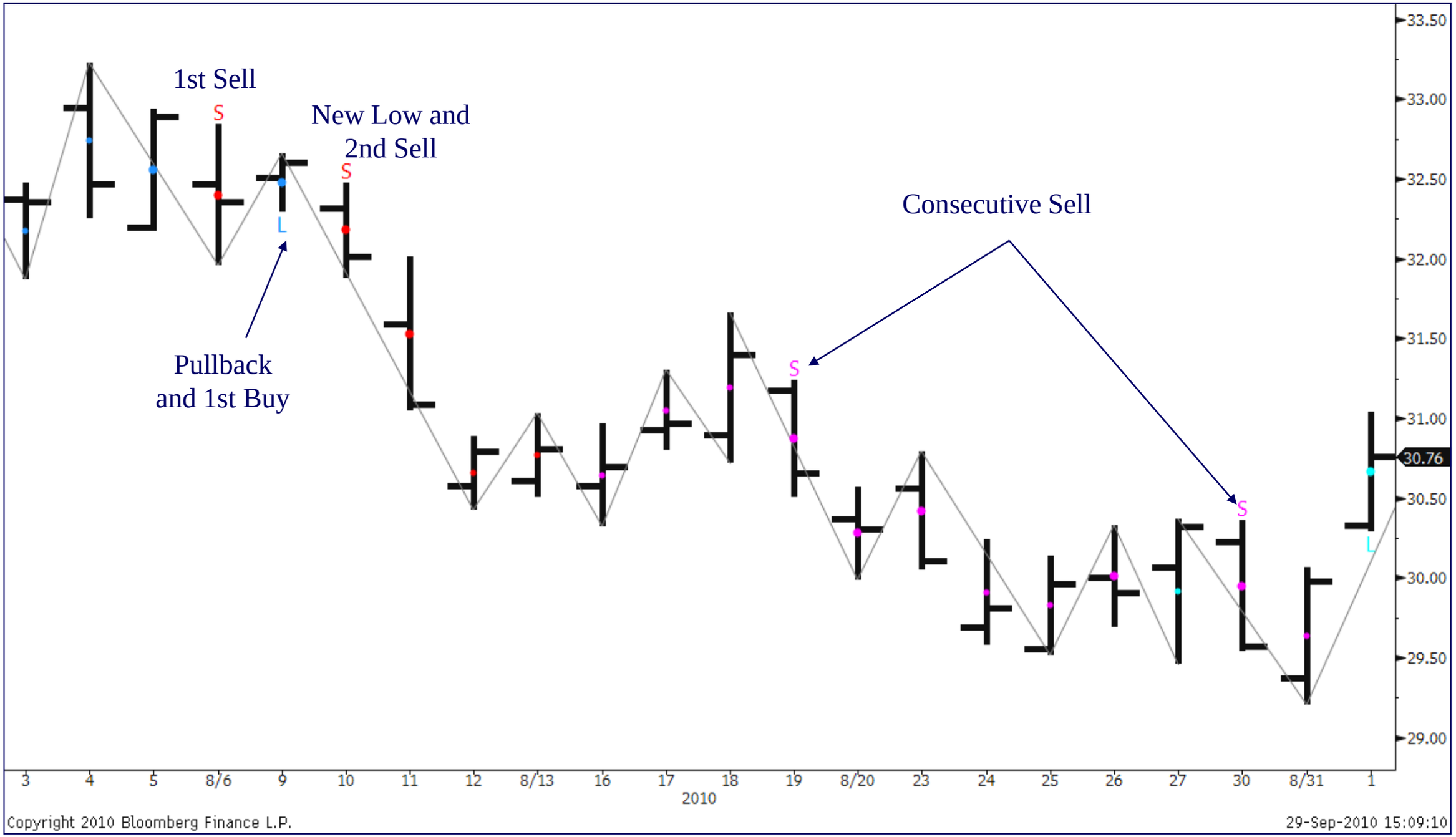
KEES Filtered Entry Signals (5)

TWX Daily



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Kase DevStops
and Filtered Candlesticks

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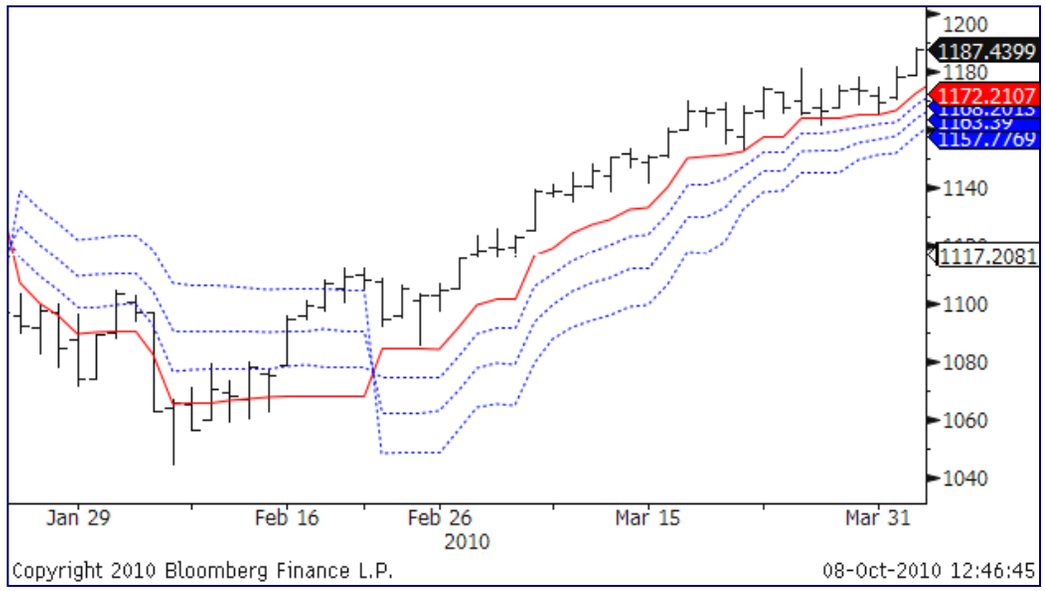
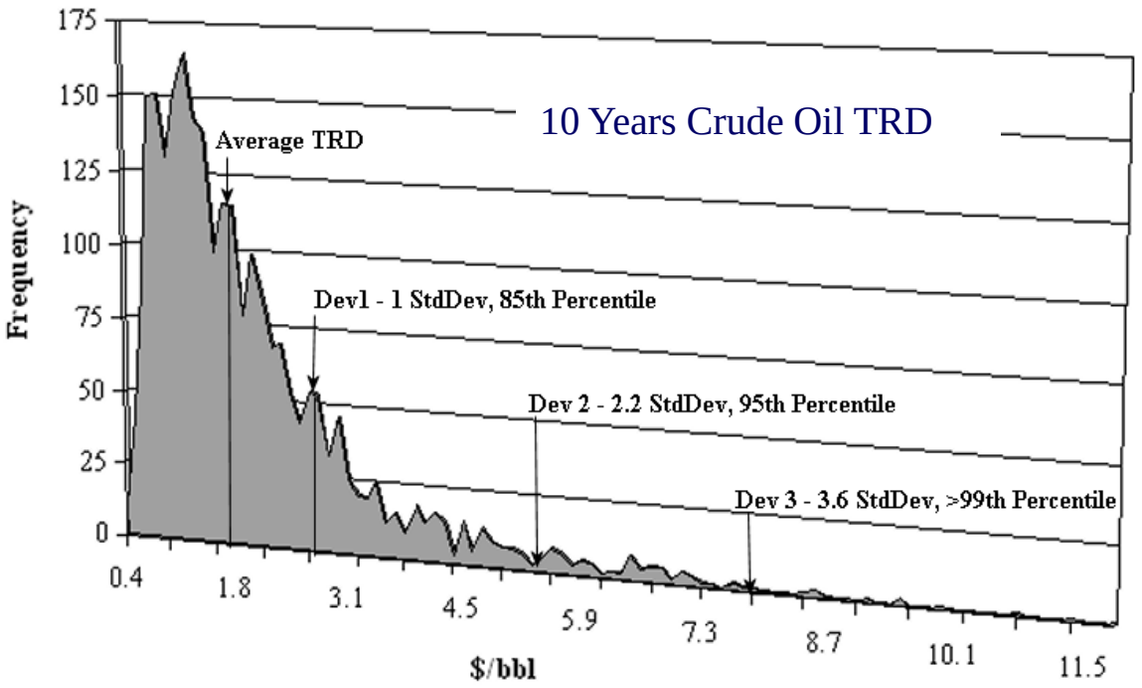
Four Stop Levels

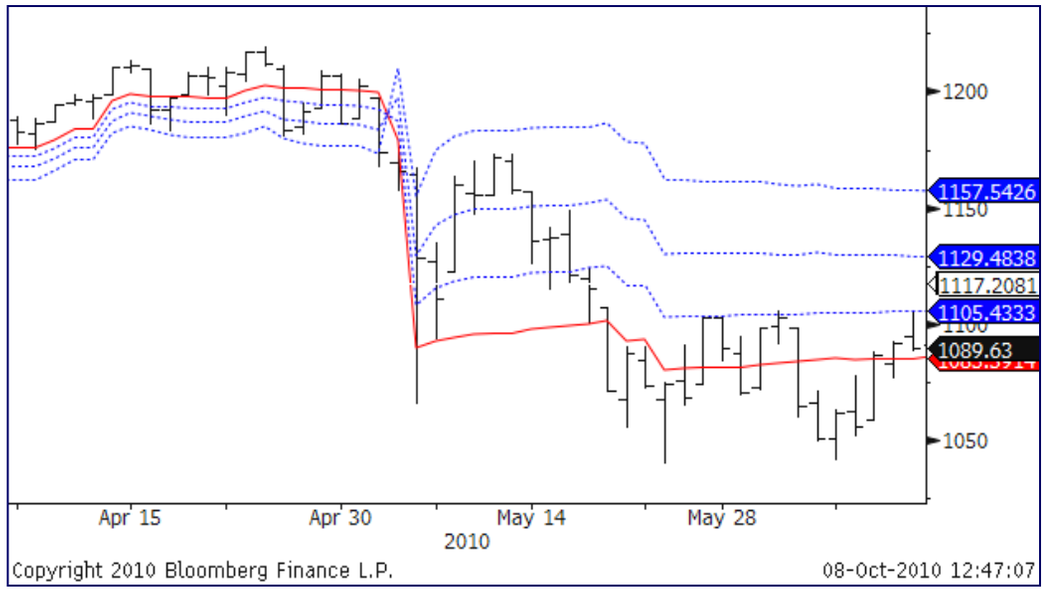
- Warning Line
- DevStop 1
  - Use after danger signs
  - Use after partial exit
- DevStop 2
  - Use when before trade is profitable
  - During uncertain conditions
- DevStop 3 - Default stop
- Scale out using combinations

S&P 500 Index





S&P 500 Index



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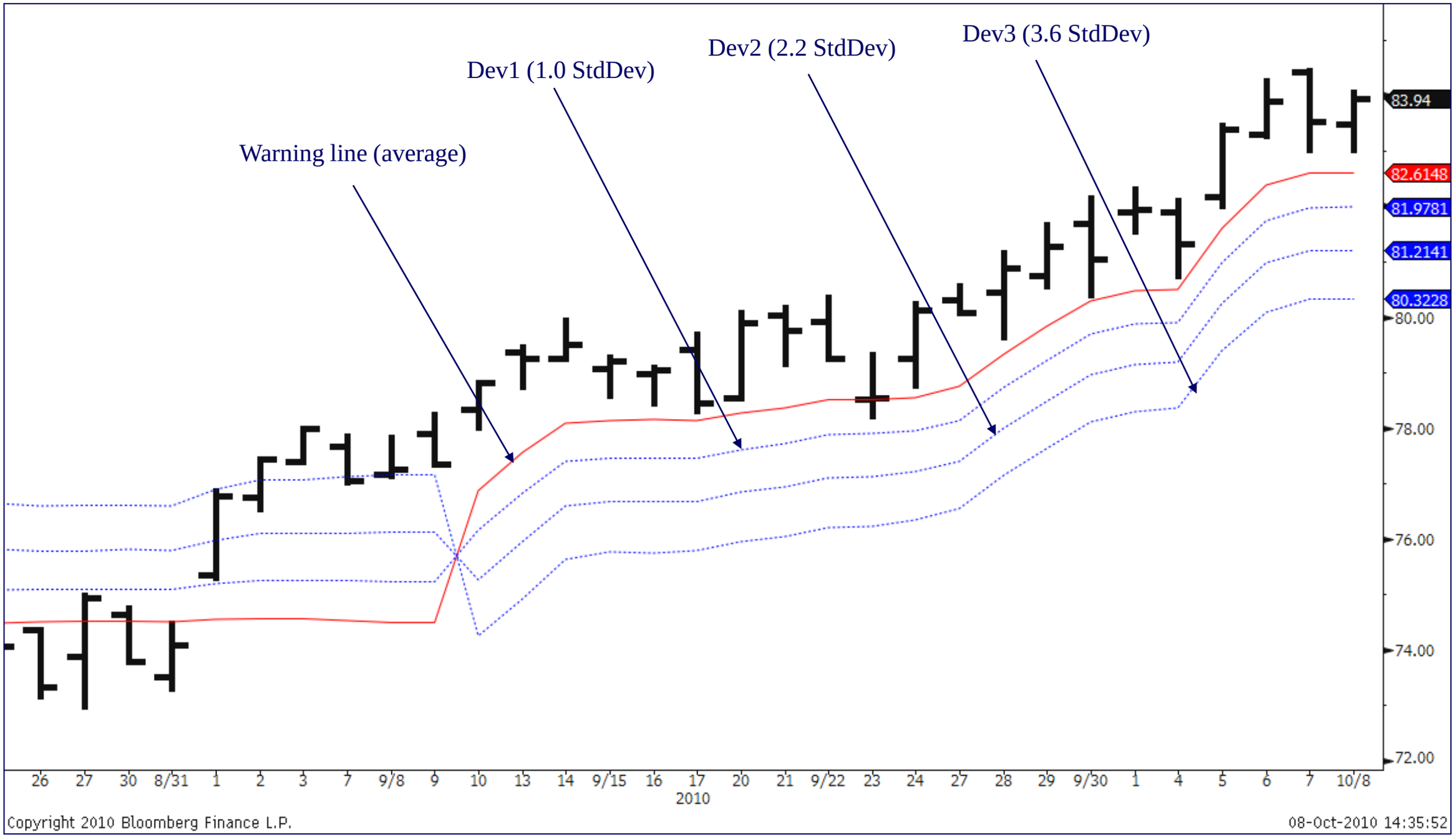
Kase DevStops

CVX Daily



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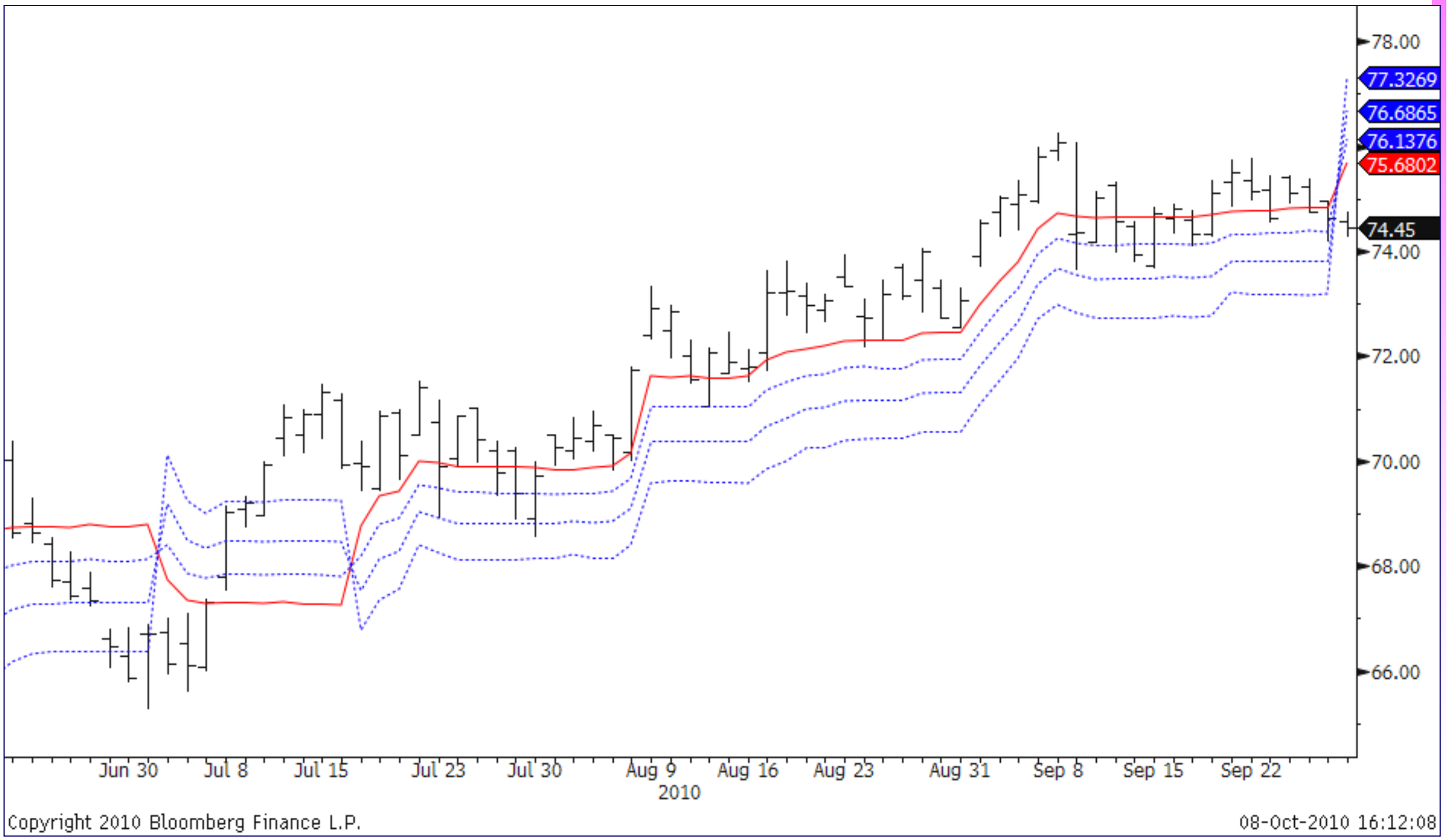
Kase DevStops

MCD Daily



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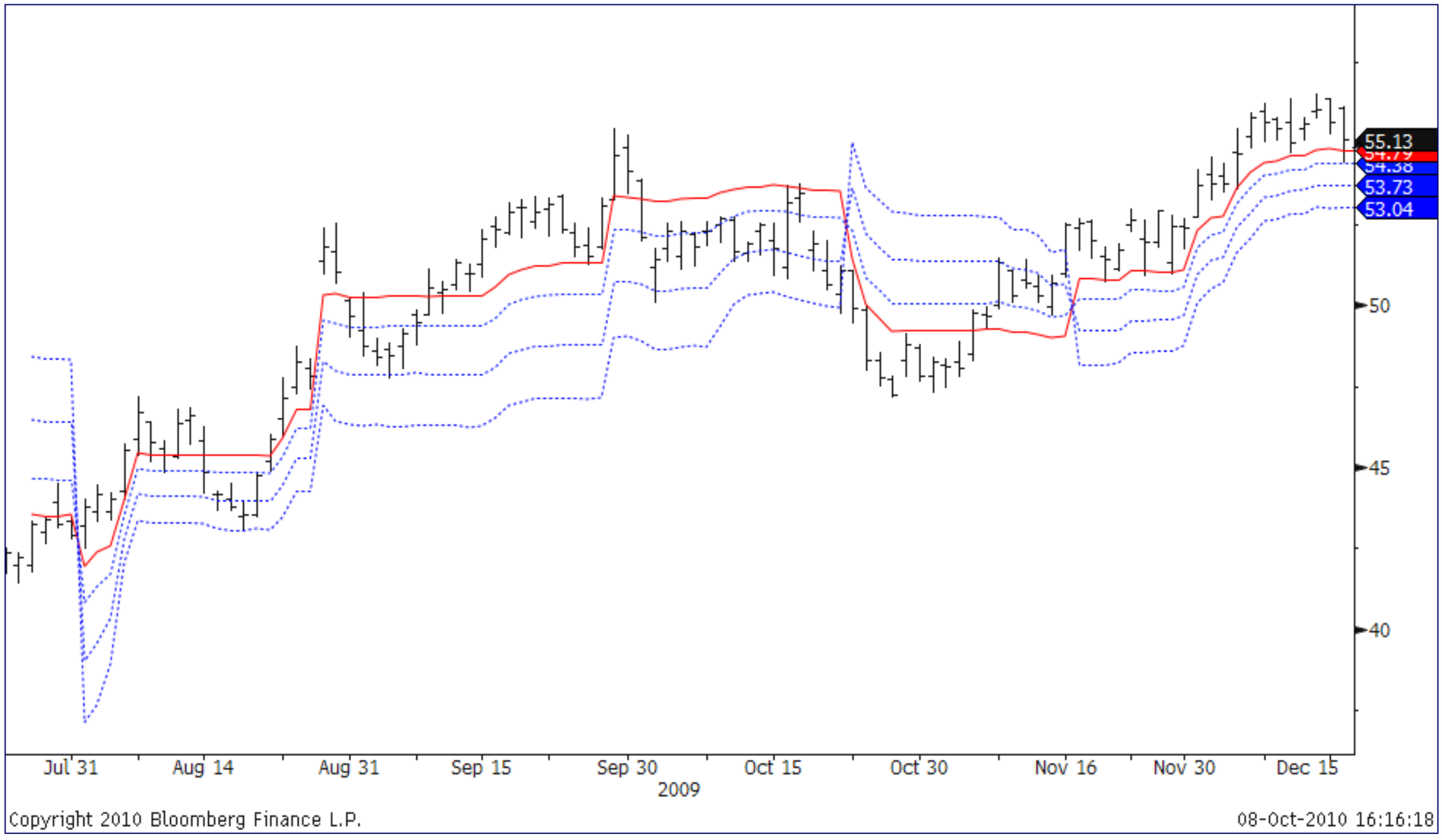
Kase DevStops

BA Daily



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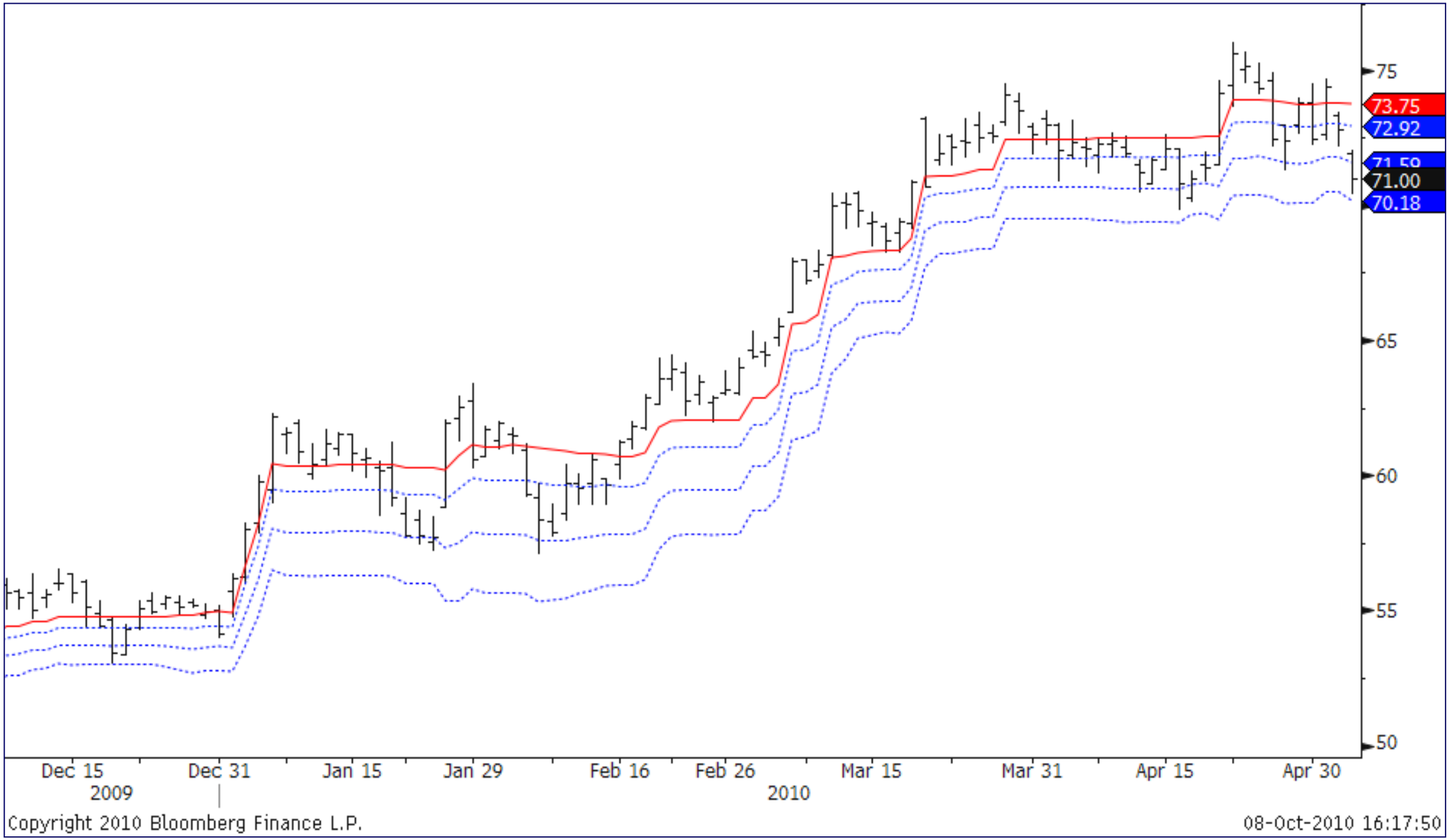
Kase DevStops

BA Daily



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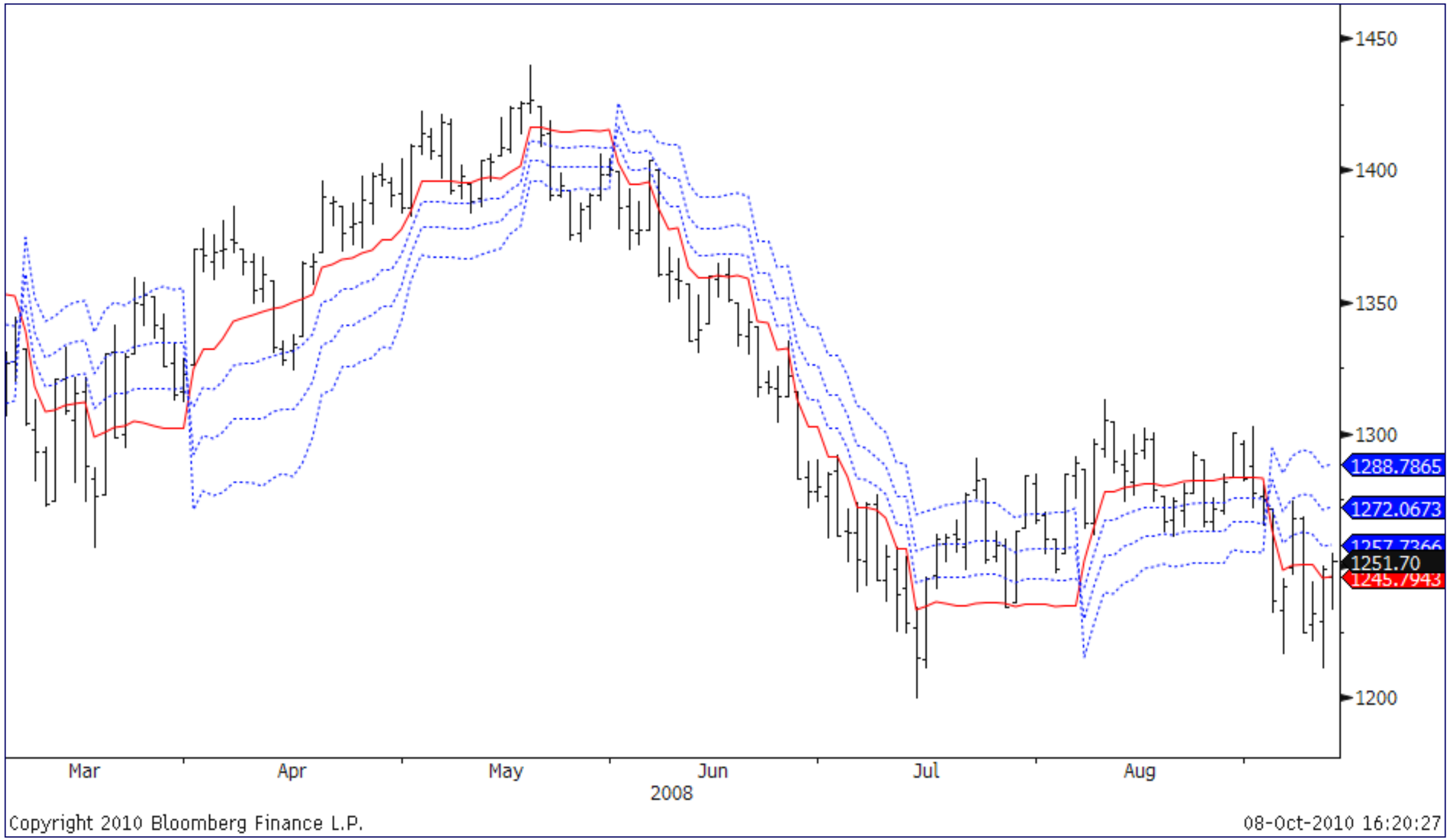
Kase DevStops

SPX Index



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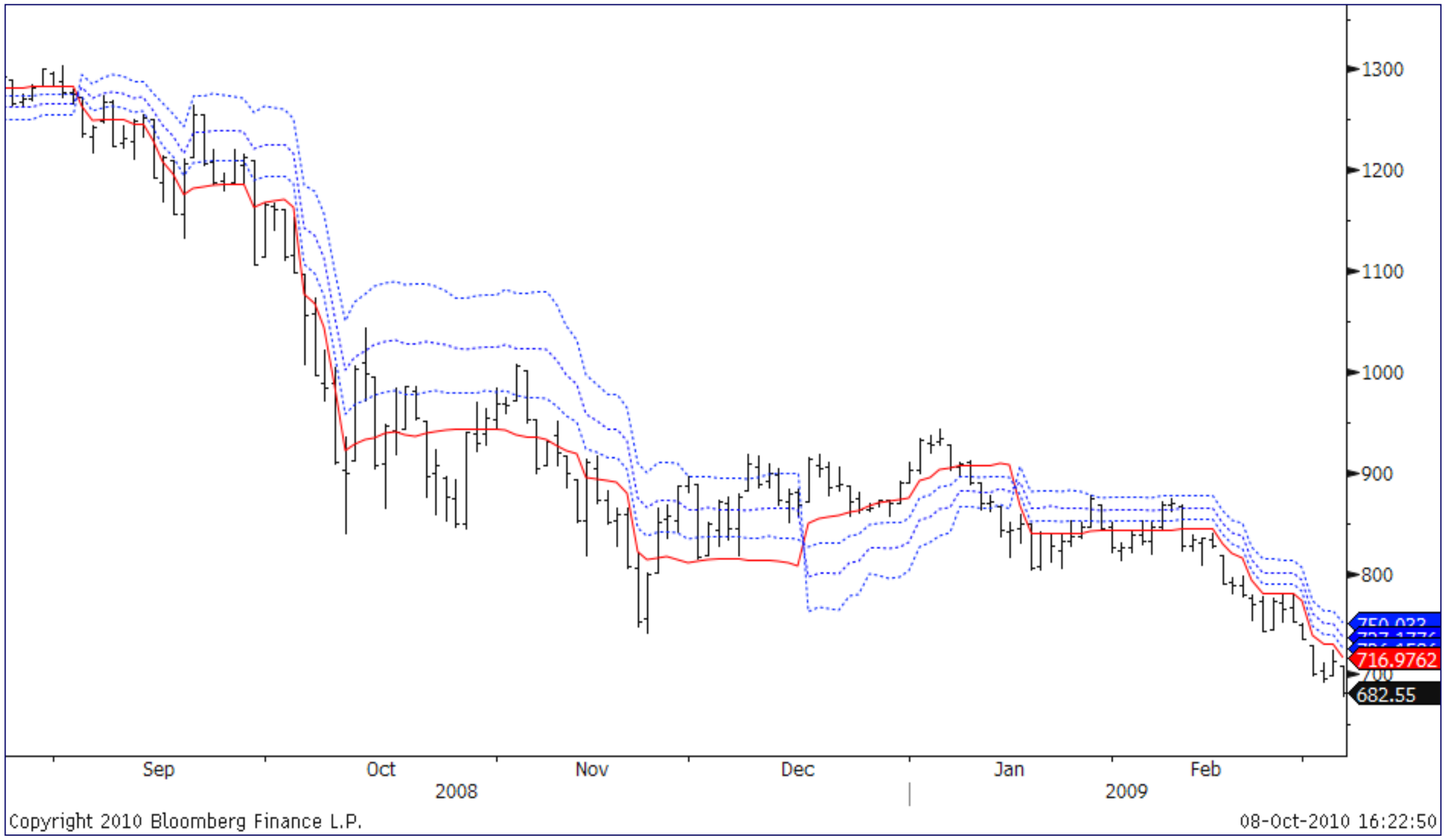
Kase DevStops

SPX Index



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Using Kase DevStops for Forecasting Follow Through after Warning Line Hit

Example Table
Percent Chance of Hitting Next Stop

Hit/Hit	Warn	Dev1	Dev2	Dev3	Dev4.5
Dev1	85				
Dev2	70	82			
Dev3	61	72	87		
Dev4.5	52	62	75	86	
Dev6	44	51	62	72	83

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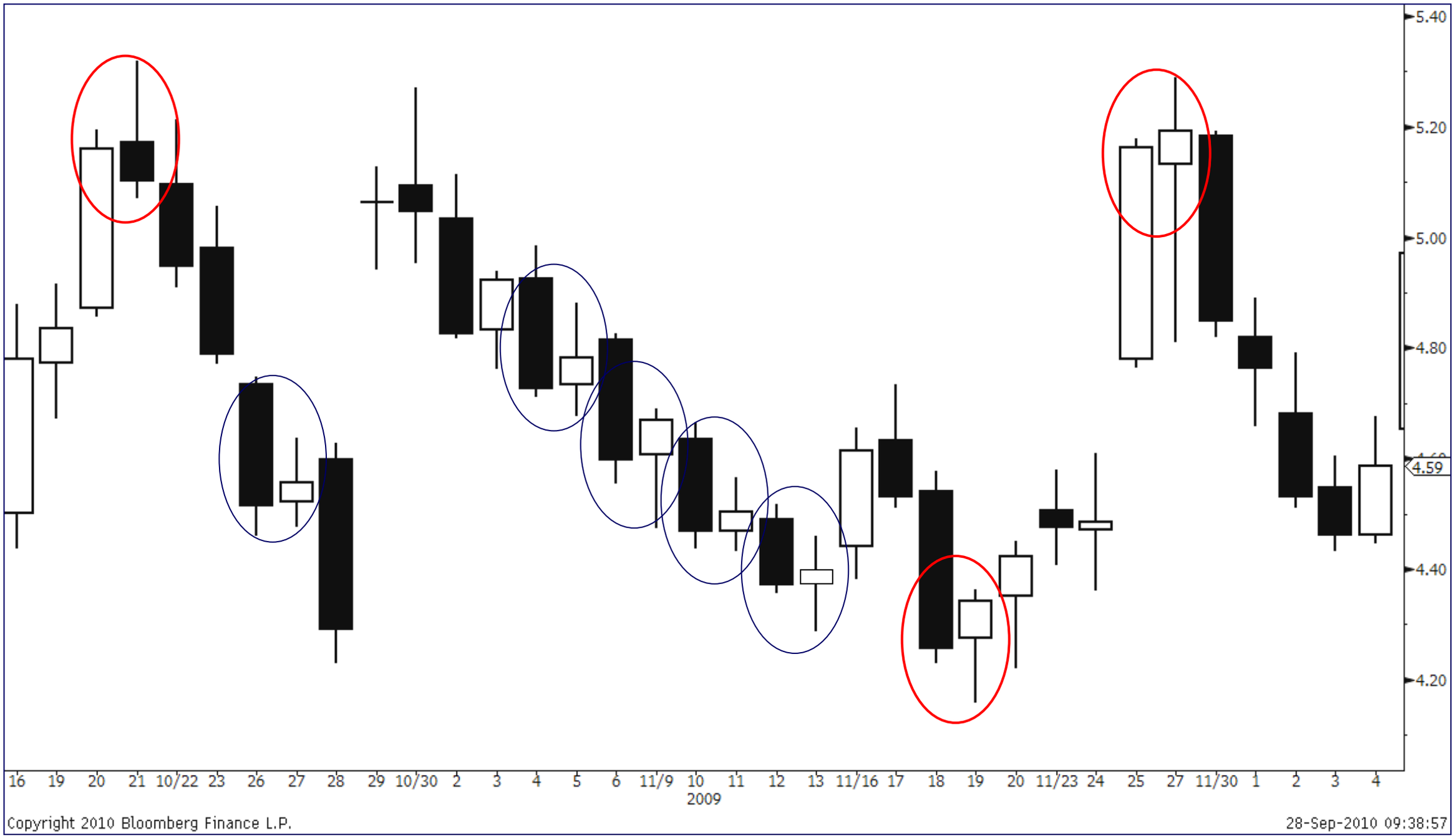
Candlestick Patterns – False Signals



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Filtering Candlesticks with Momentum

- Most turns preceded by a candlesticks
- Candlesticks often not followed by turn
- Filter with OBOS
  - Bearish when overbought
  - Bullish when oversold
- Use on daily and longer
- Accelerate stops
- Use in forecasting

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Kase Filtered Candlesticks Identify

- Harami Line and Star
- Morning and Evening Star
- Piercing and Dark Cloud Cover
- Bullish and Bearish Engulfing
- Hammer and Hanging Man

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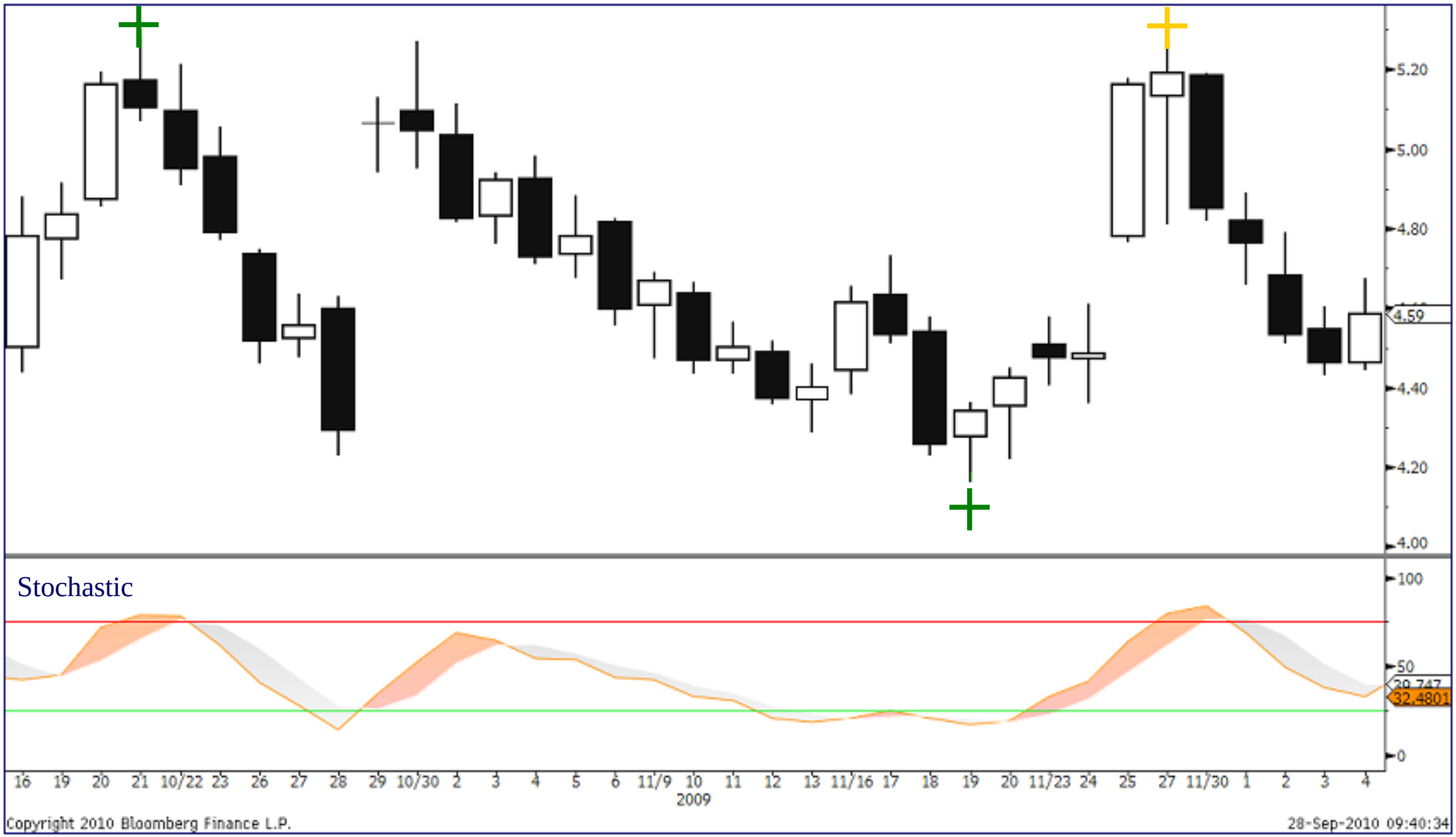
Kase Filtered Candlesticks

NG Continuous Daily



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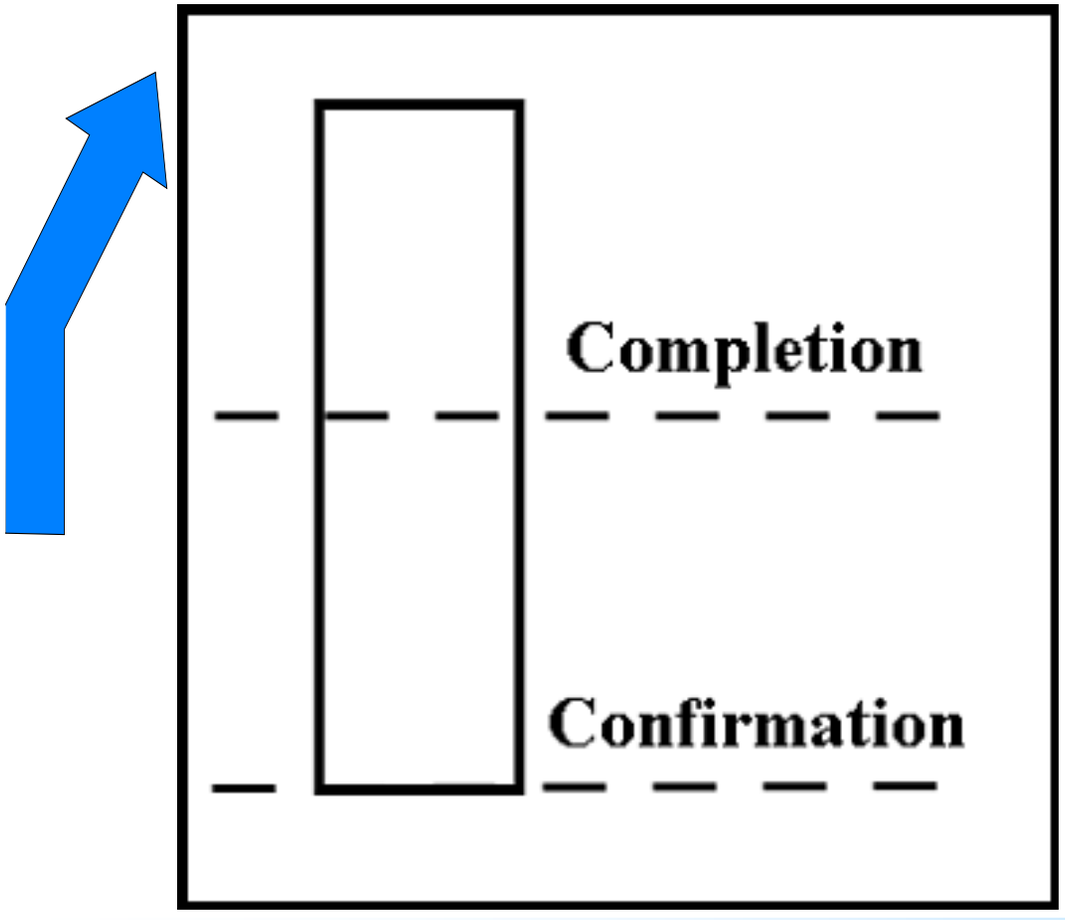
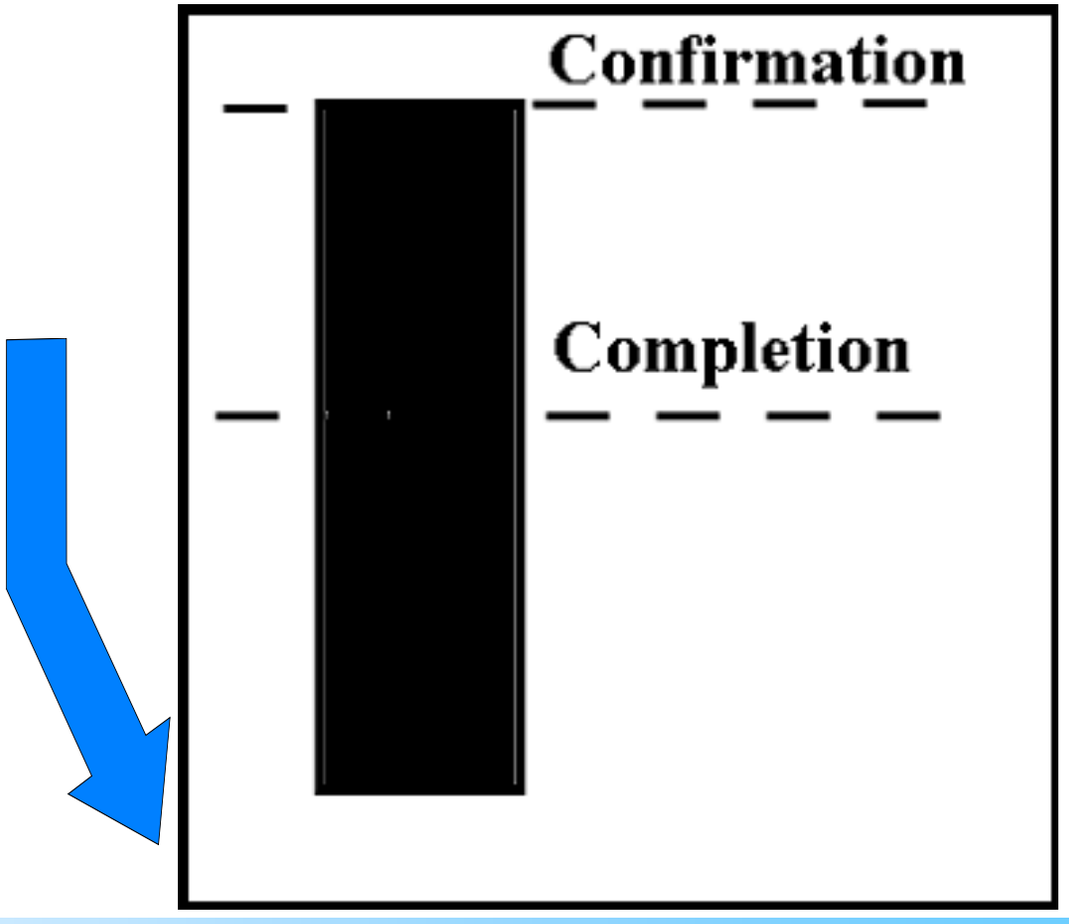
Accelerating Stops:
Completing and Confirming Patterns

- “Completed” usually requires close against Harami Line midpoint
- “Confirmed” usually requires a close against the previous open
- Engulfing lines are by definition completed and confirmed
- Piercing patterns, Dark Cloud Covers by definition are not confirmed





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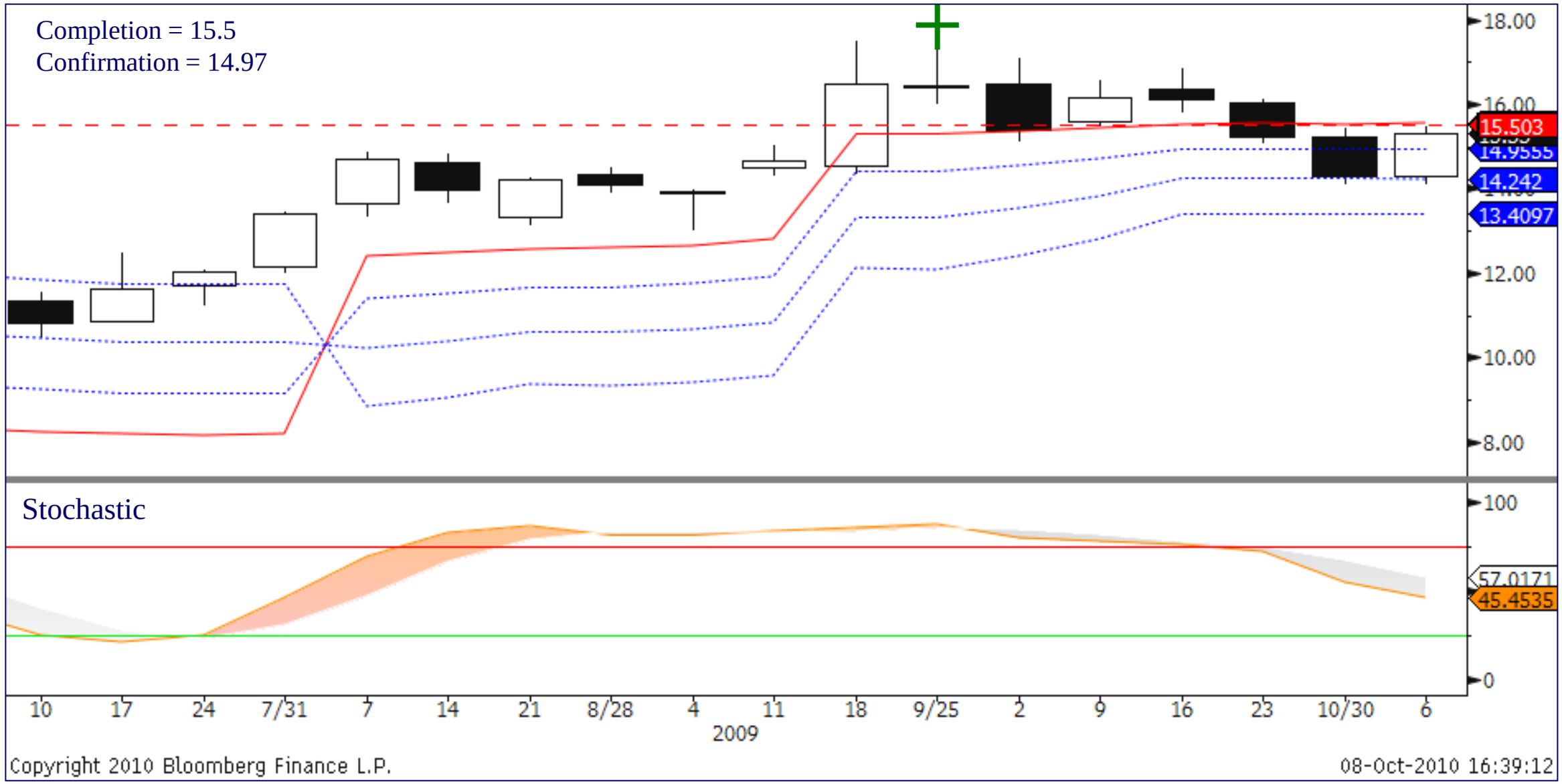
Harami Line and Star

GE Weekly with Completion Point



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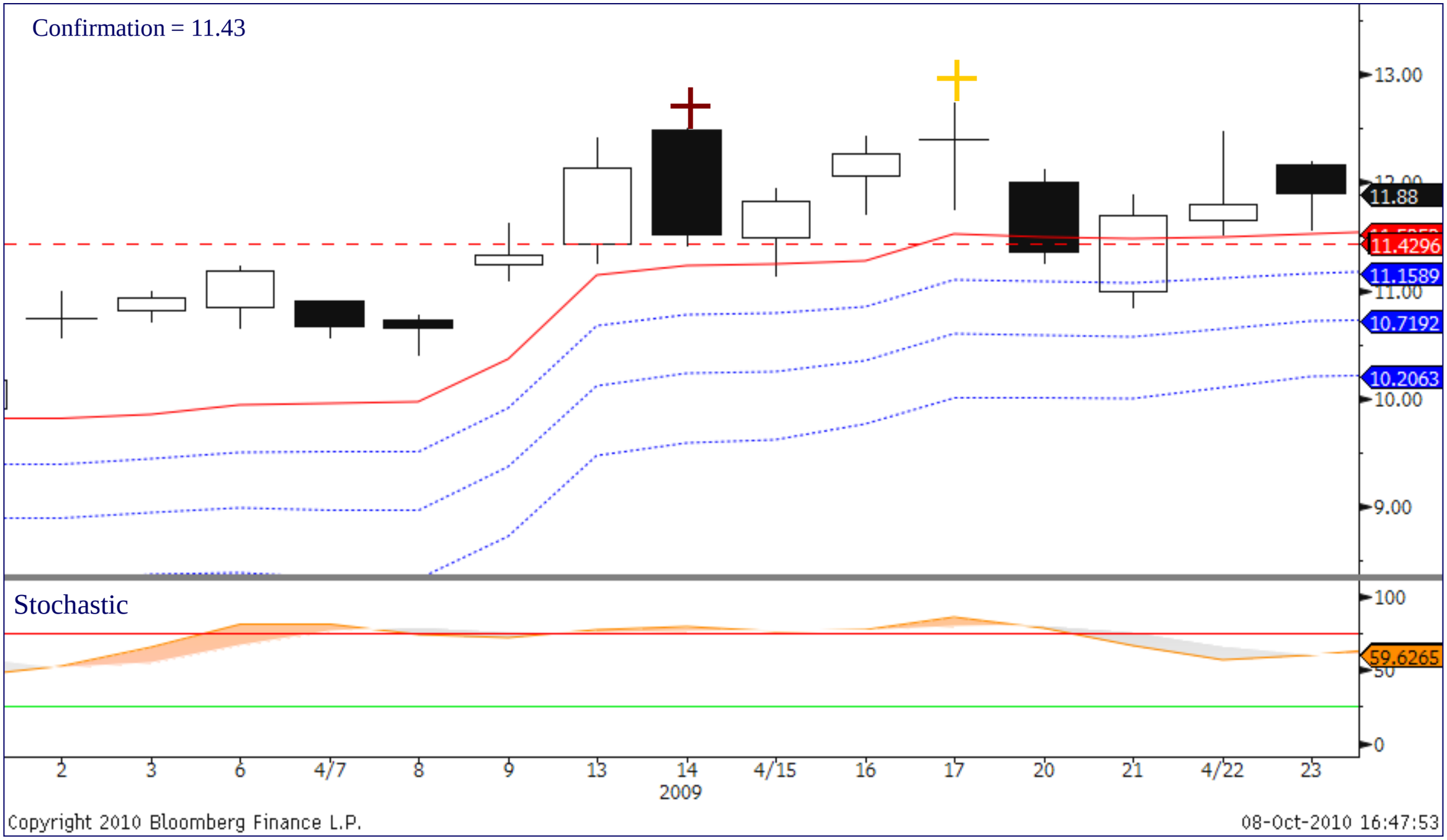
Dark Cloud Cover and Hanging Man

GE Daily with Confirmation Point



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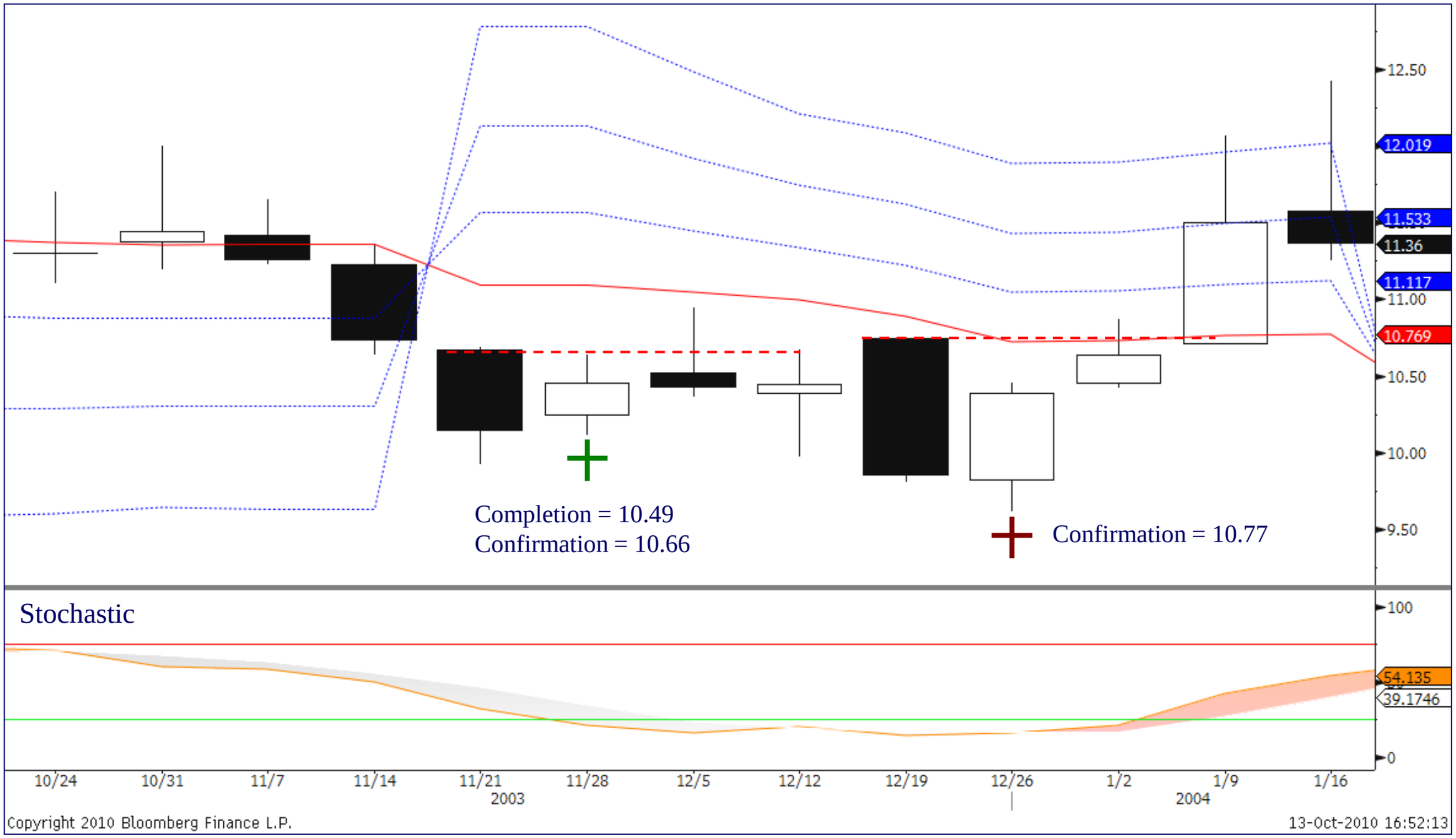
Harami Line and Star and Piercing Pattern

AAPL Weekly with Confirmation Points



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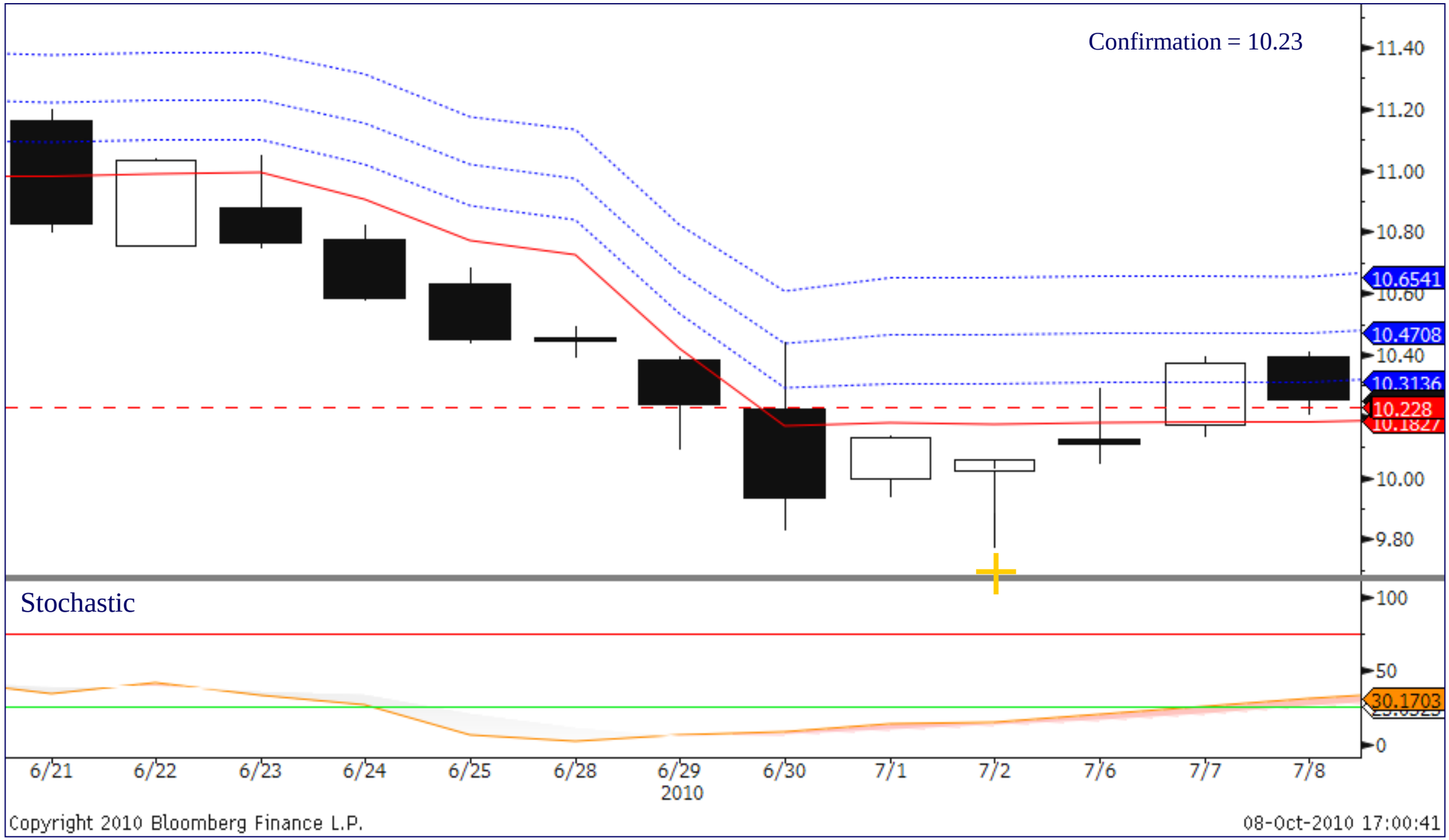
Bullish Hammer

Rough Rice Daily with Confirmation Point



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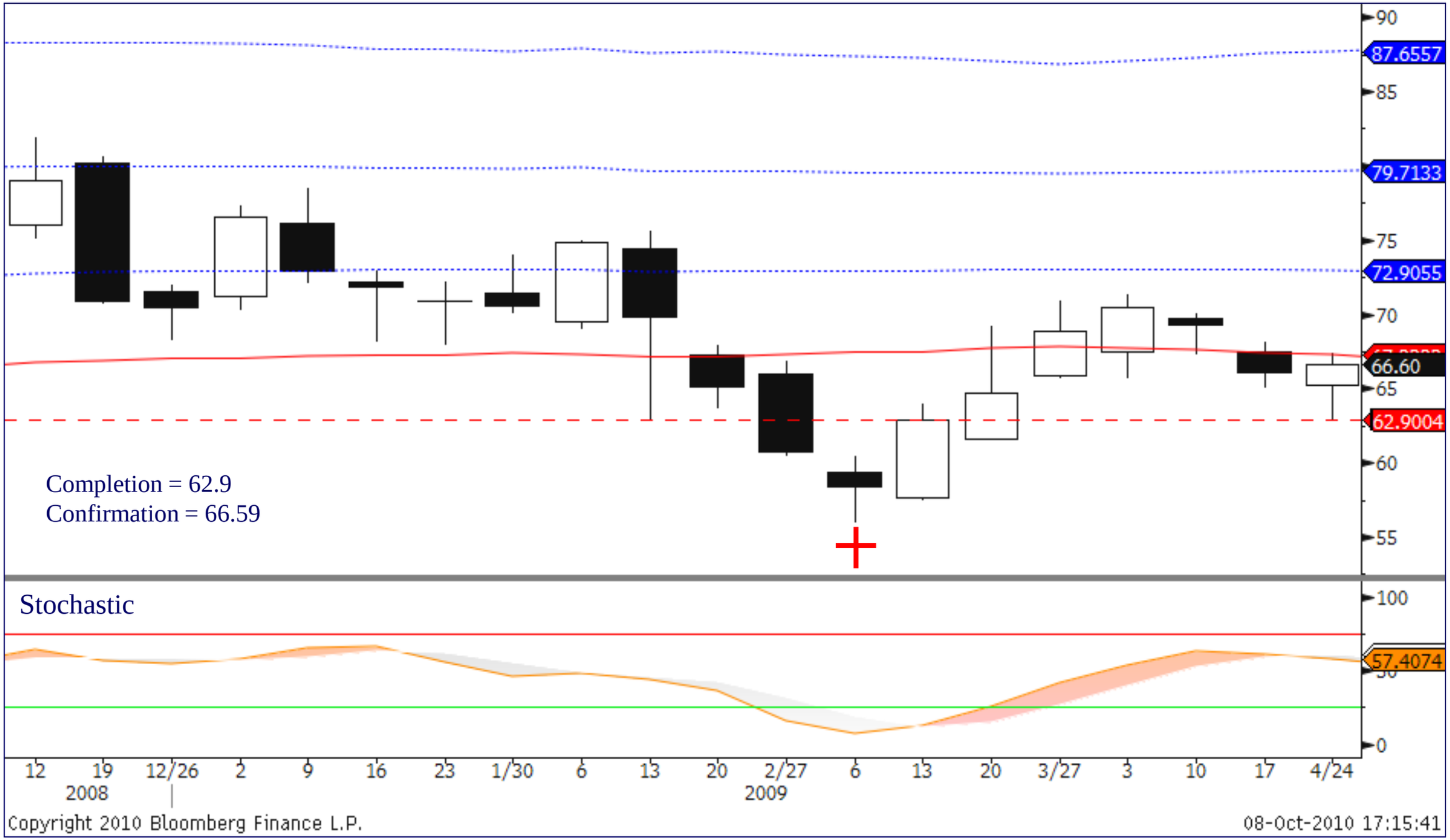
Morning Star

CVX Weekly with Confirmation Point



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Bearish Engulfing Line

AAPL Weekly

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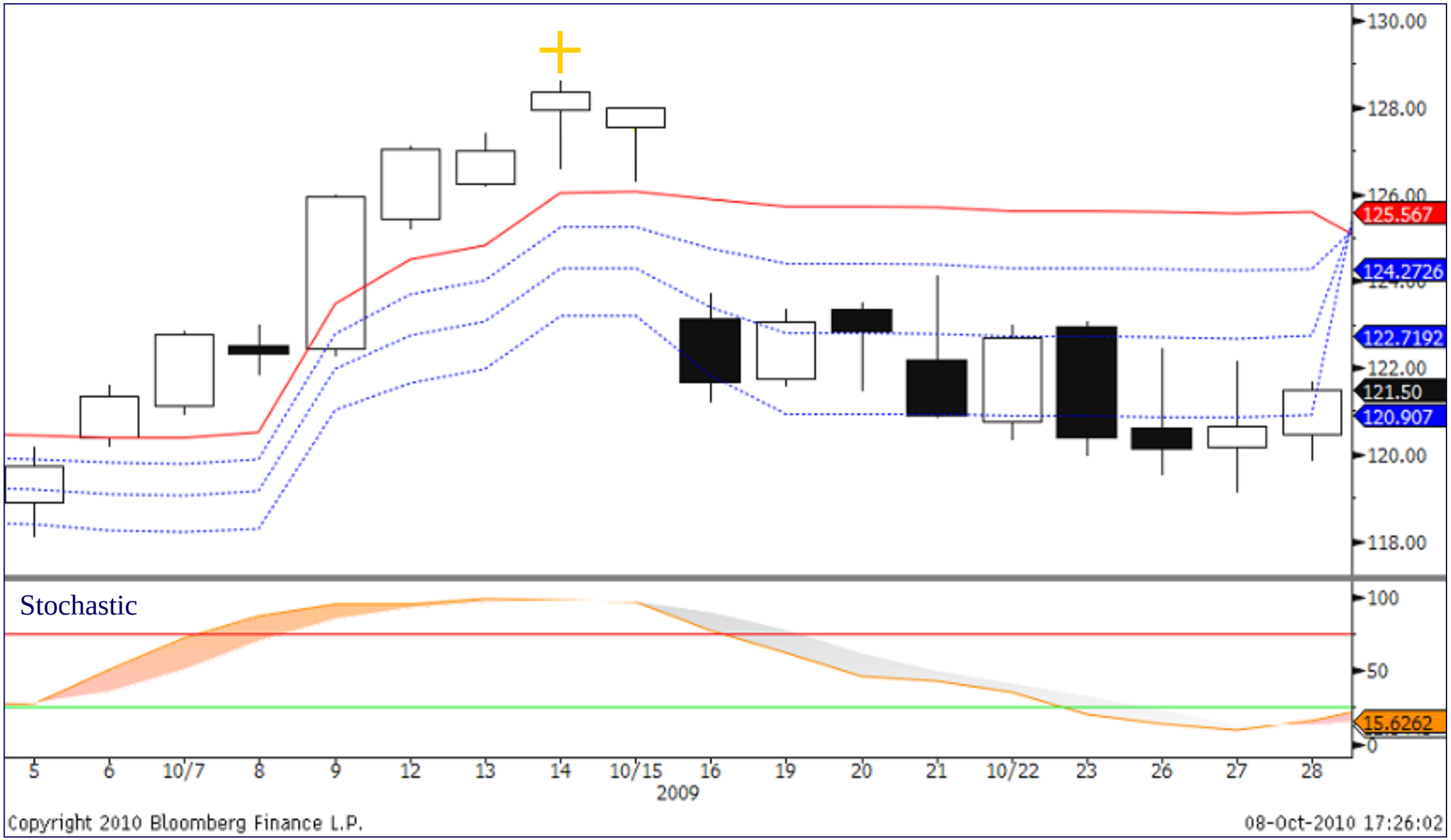
Hanging Man

IBM Daily



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Santa Fe, NM 87501
(505) 237 - 1600 (Call Center)
(866) 526 - 2350 (Fax)

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Kase MDA and Momentum Exits

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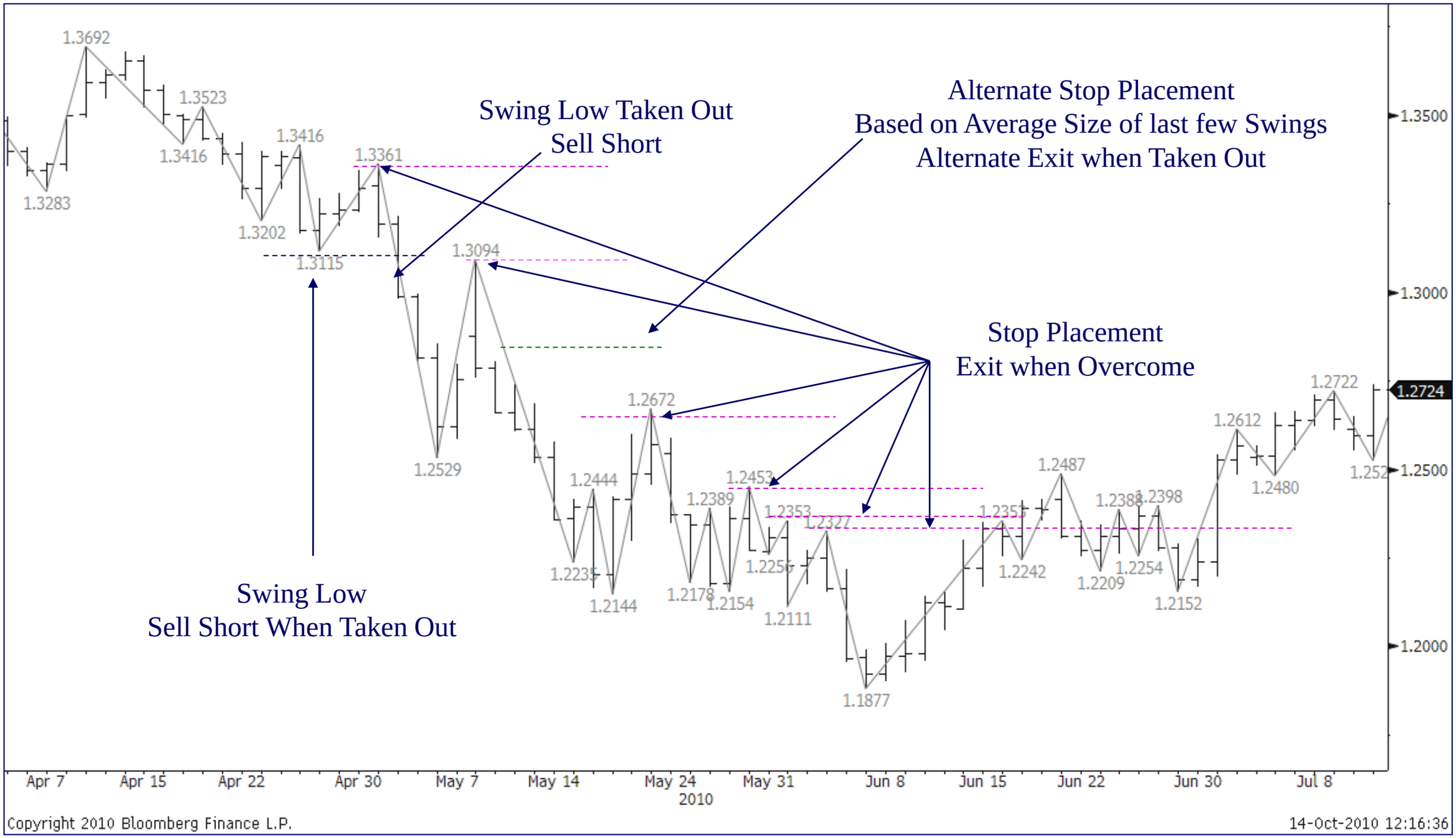
Swing Exit

EURUSD Daily



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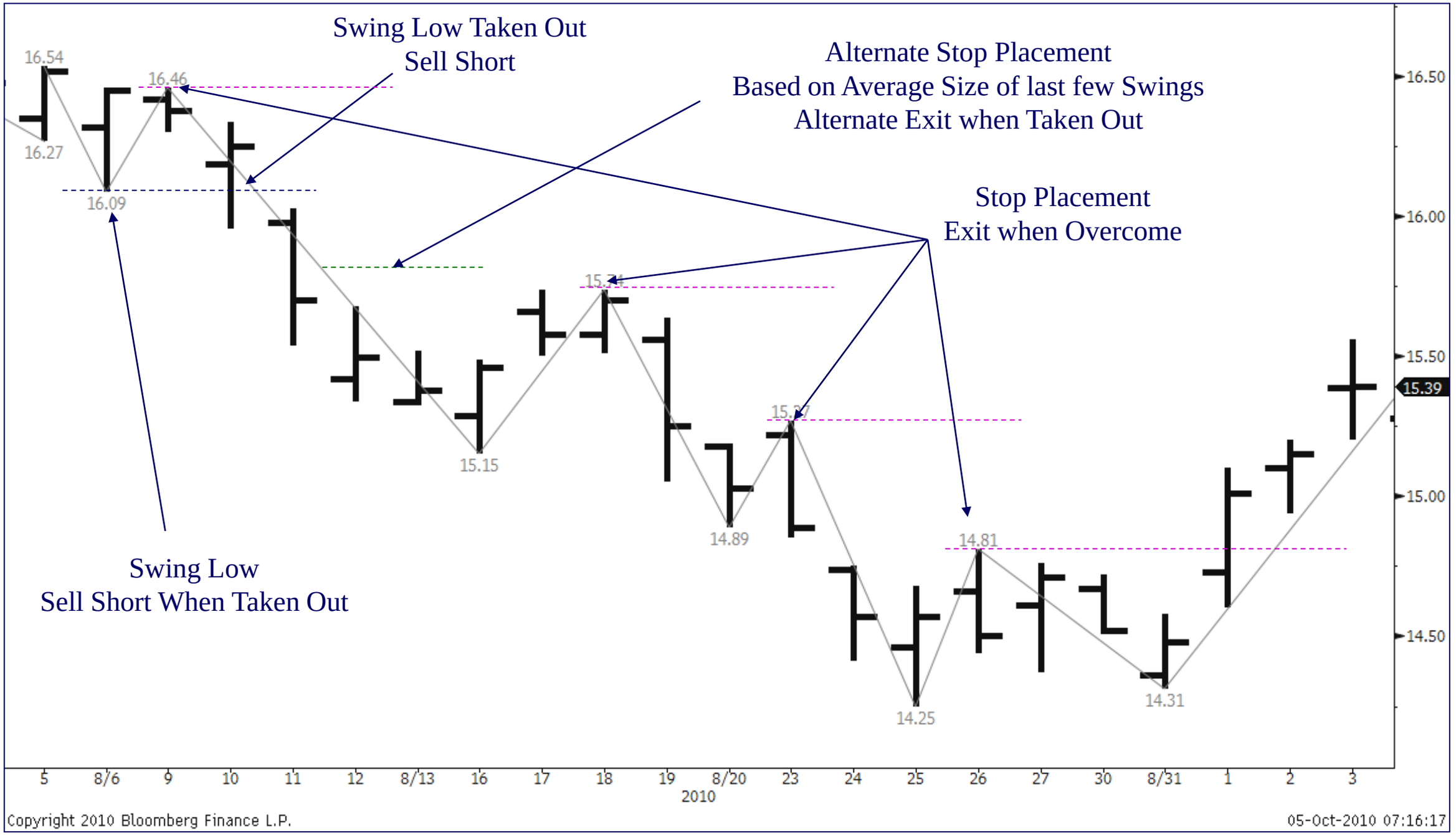
Swing Exit

GE US Equity Daily



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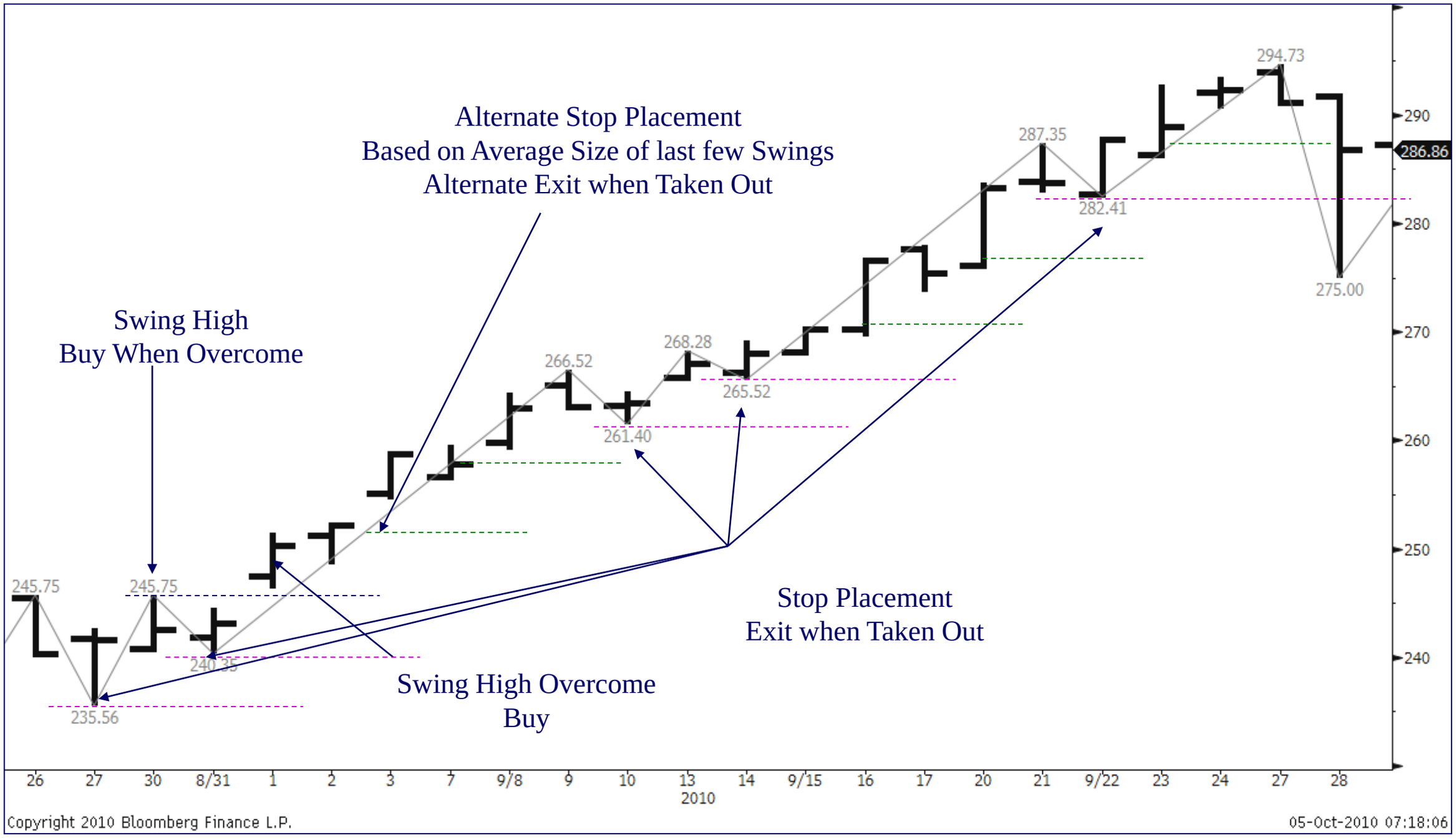
Swing Exit

AAPL US Equity



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Momentum Divergence Signals

Bearish - Higher or equal high in price and lower or equal high in momentum.

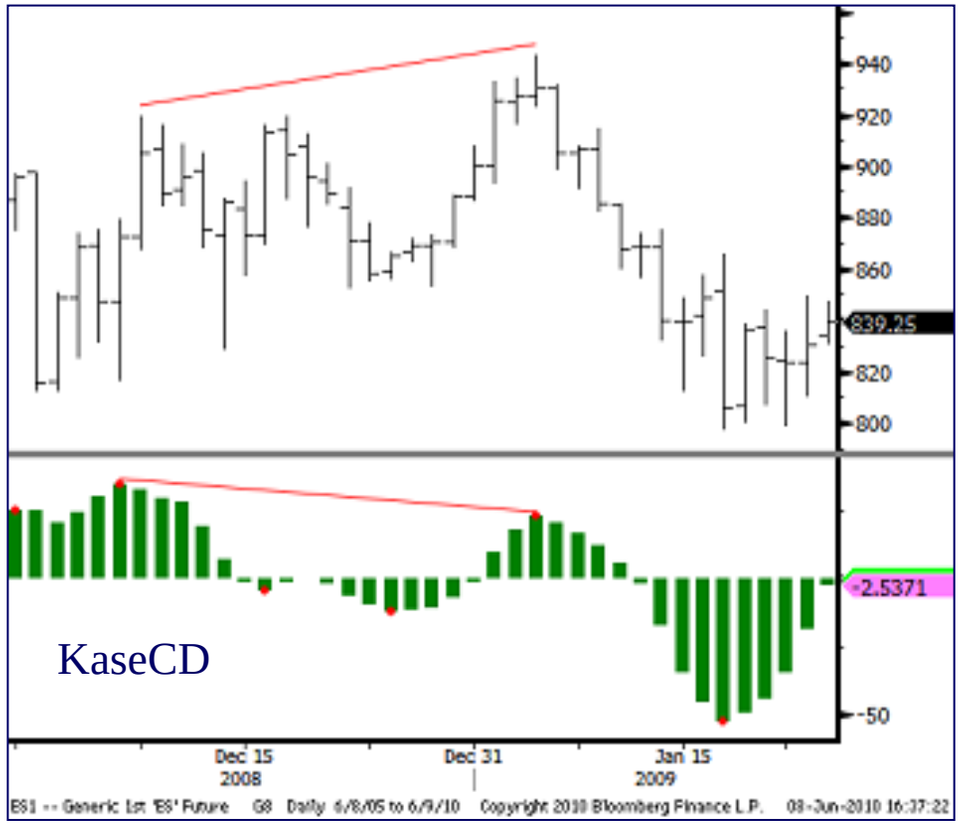
Bullish - Lower or equal low in price and a higher or equal low in momentum.

CL Daily Continuous

Bullish Divergence

CL Daily Continuous

Bearish Divergence



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Kase Momentum Divergence Algorithm
KaseMDA – Automatically Identifies Divergences

- Draws trend lines for divergences on price and momentum
  - Red lines for KaseCD
  - Green lines for KasePO
- Algorithm developed to filter divergences properly using:
  - Slope filter
  - Line of sight
  - Tolerance
  - Bridging and Take Outs
- Will be available as study for use with other non-proprietary momentum indicators on Bloomberg

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Kase Momentum Indicators

- Look at ratio of logarithmic price movement to volatility
- No. of standard deviations of excursion
- Use variable cycle lengths

- Based on 2 sigma idea
- Uses range and volatility, not price

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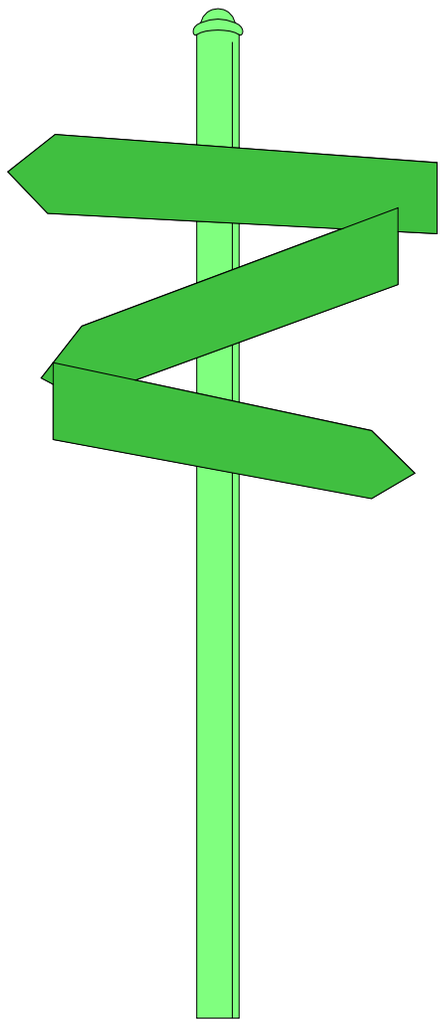
Momentum Predicts Turns



How Well Indicators Predict Turns

Indicator	Warn	Dev1	Dev2	Dev3	Close >>
RSI	89%	70%	46%	26%	18%
MACD	90%	72%	52%	30%	22%
Stoch	89%	68%	46%	26%	18%
KasePO	92%	75%	54%	31%	22%
KaseCD	92%	75%	53%	30%	21%
PeakOut	86%	70%	53%	47%	34%
KCDpeak	73%	51%	43%	40%	34%

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Kase PeakOscillator (KPO)

- Similar to simple oscillator, except uses serial dependency
- Difference between degree of trend up versus down

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KaseCD (KCD)

- Is to MACD as PeakOscillator is to Oscillator
- KaseCD (KCD) = PeakOscillator - SMA PeakOscillator

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Kase Divergence Study

As Published in “The Two Faces of Momentum”
Cynthia A. Kase
SFO Magazine – October 2003

- Kase 77% - Traditional 52% for all turns
- Catches 50% more turns
- Kase 10% - Traditional 30% for big turns

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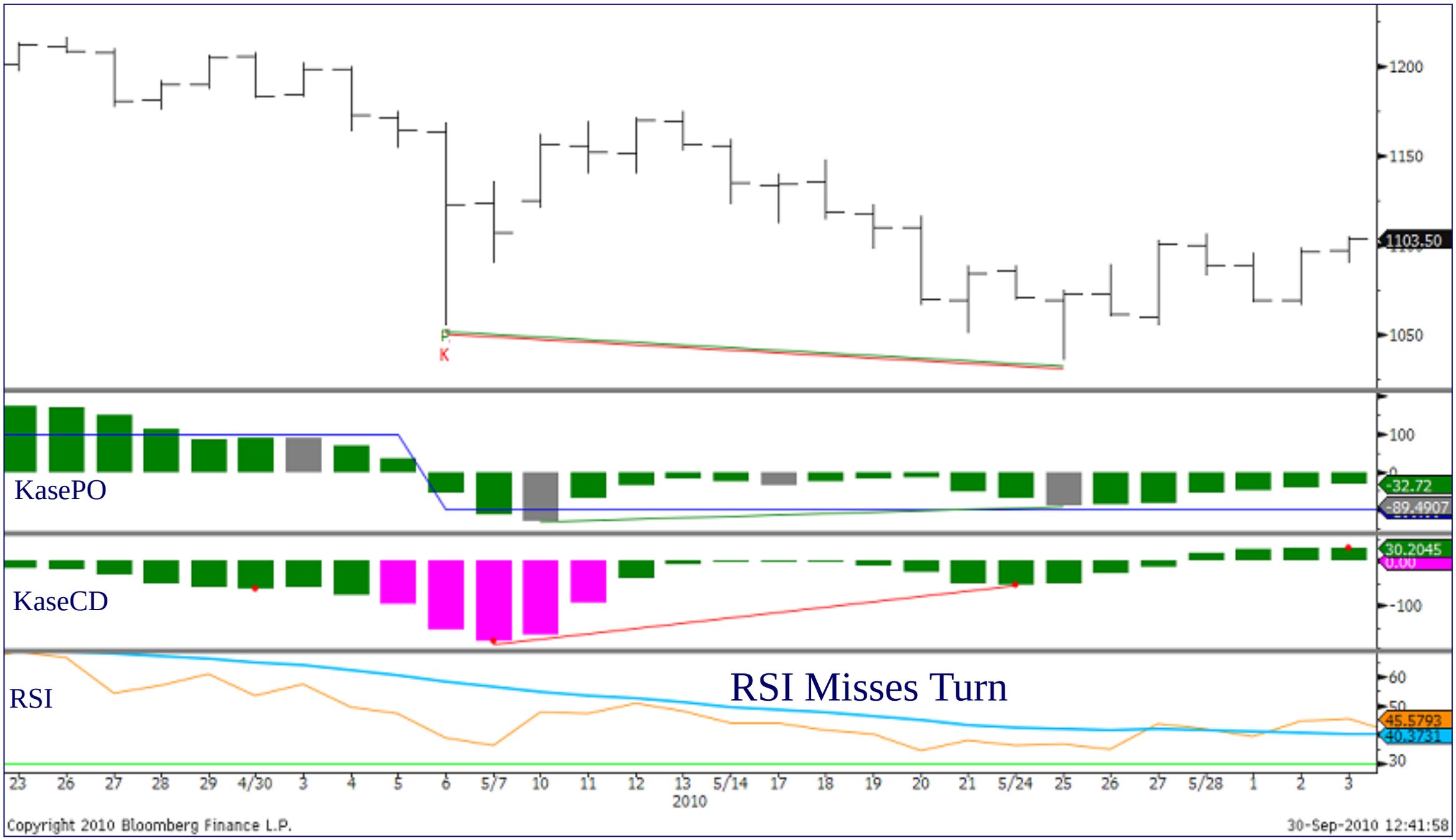
KasePO, KaseCD and RSI

ESM0 Daily, Apr/May 2010



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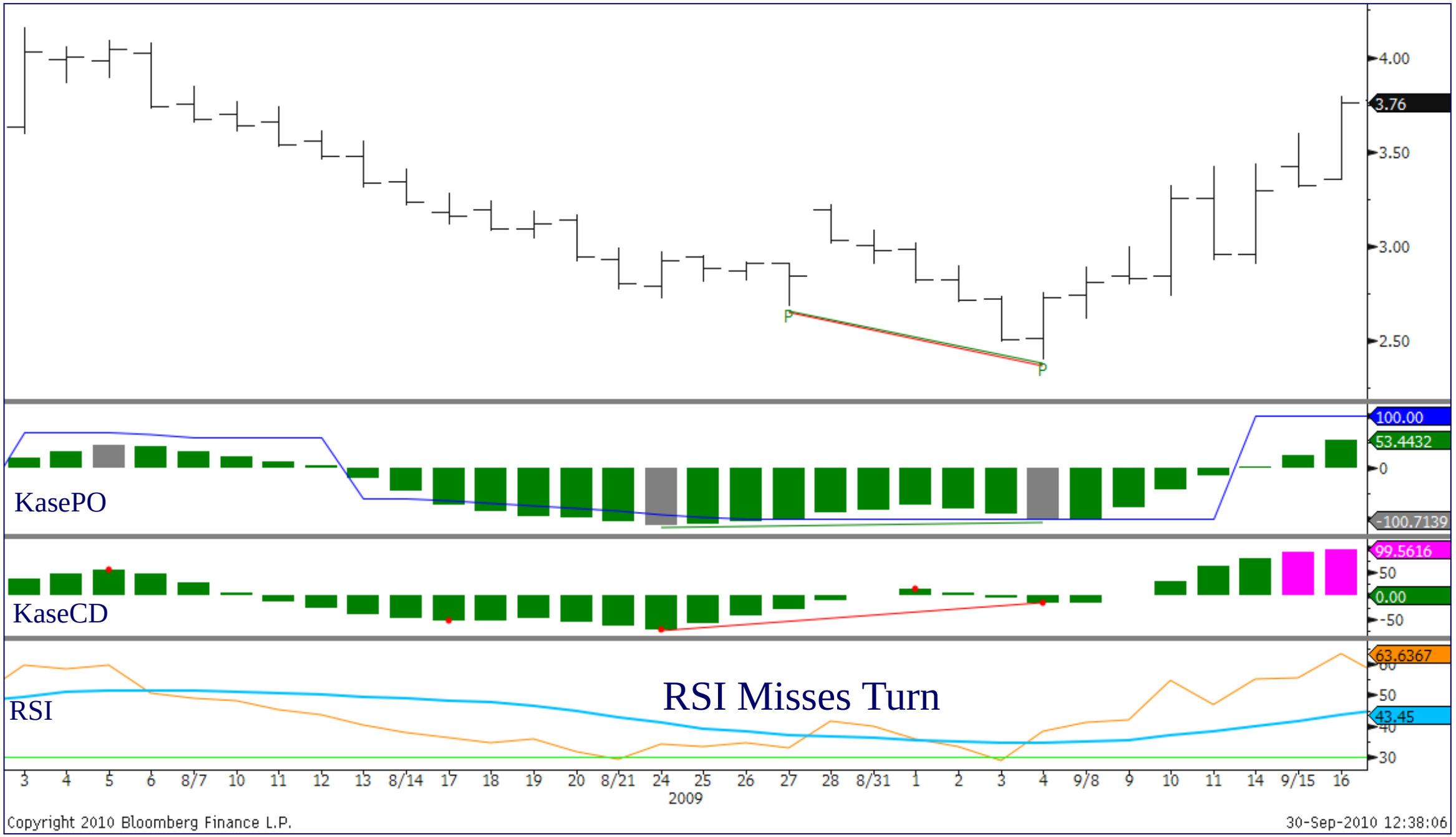
KasePO, KaseCD and RSI

NG Daily Continuous, Aug/Sep 2009



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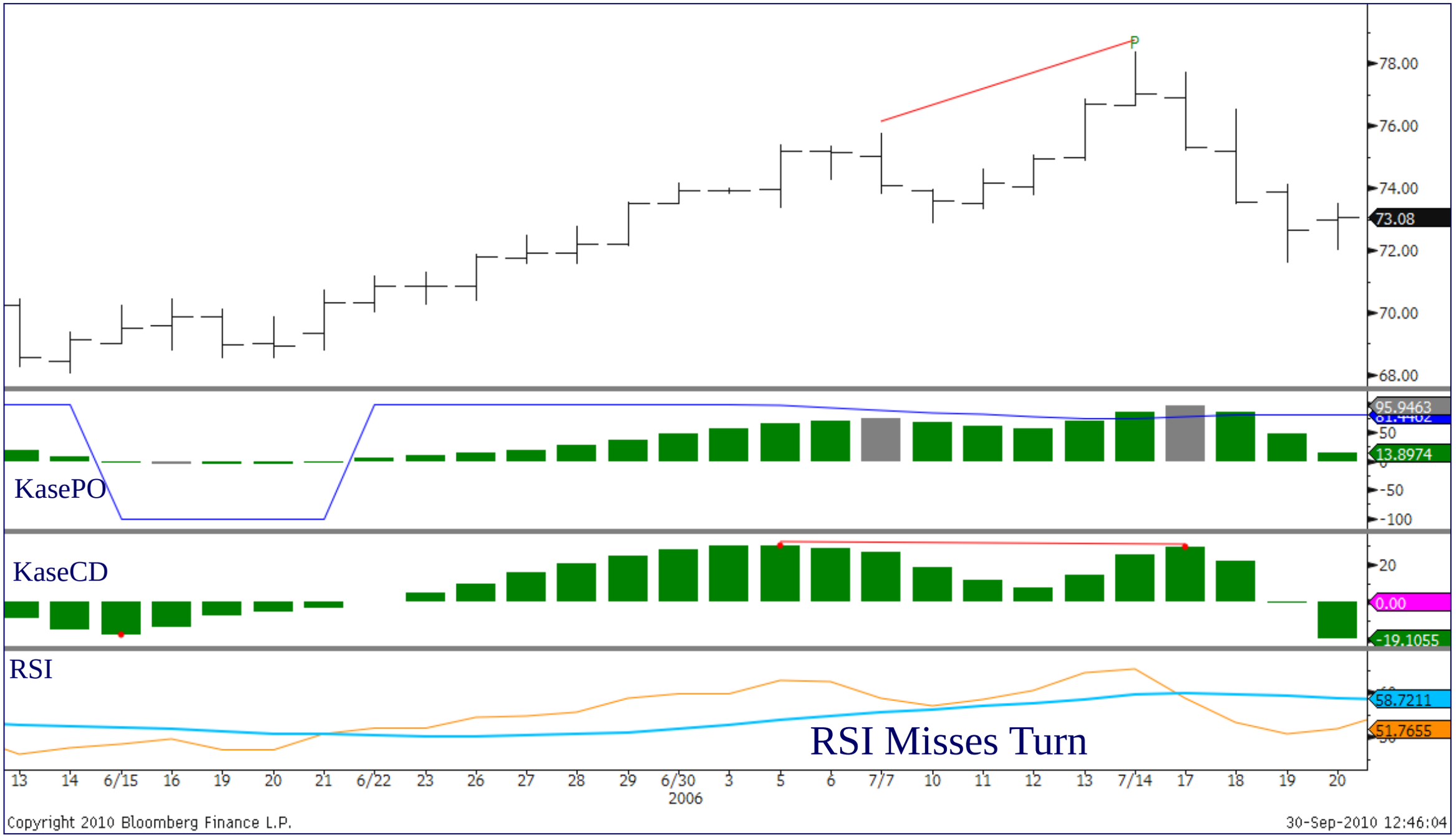
KasePO, KaseCD and RSI

CL Daily Continuous, Jun/Jul 2006



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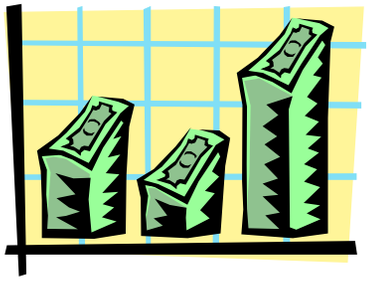
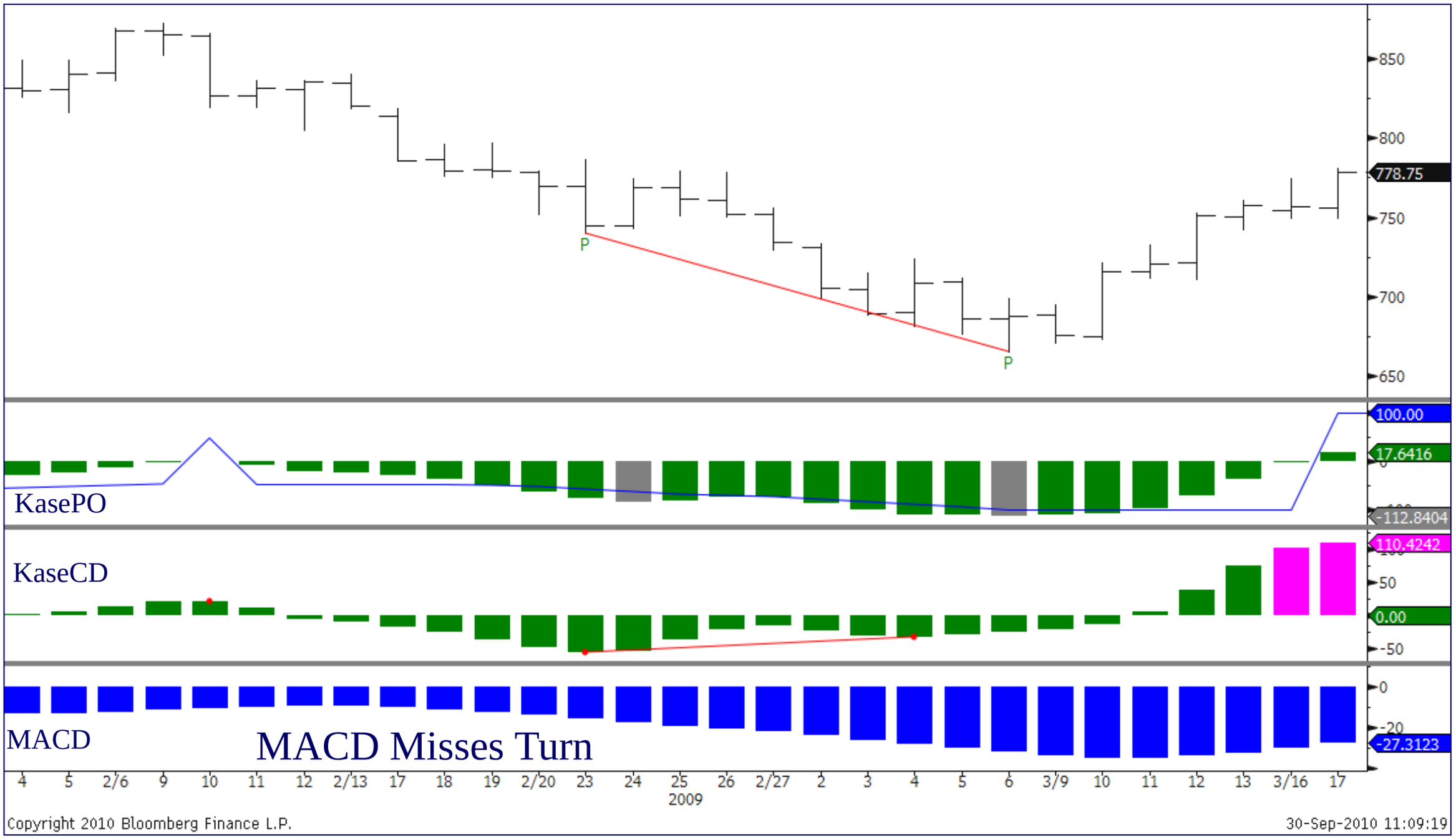
KasePO, KaseCD and MACD

ES Daily Continuous, Feb/Mar 2009





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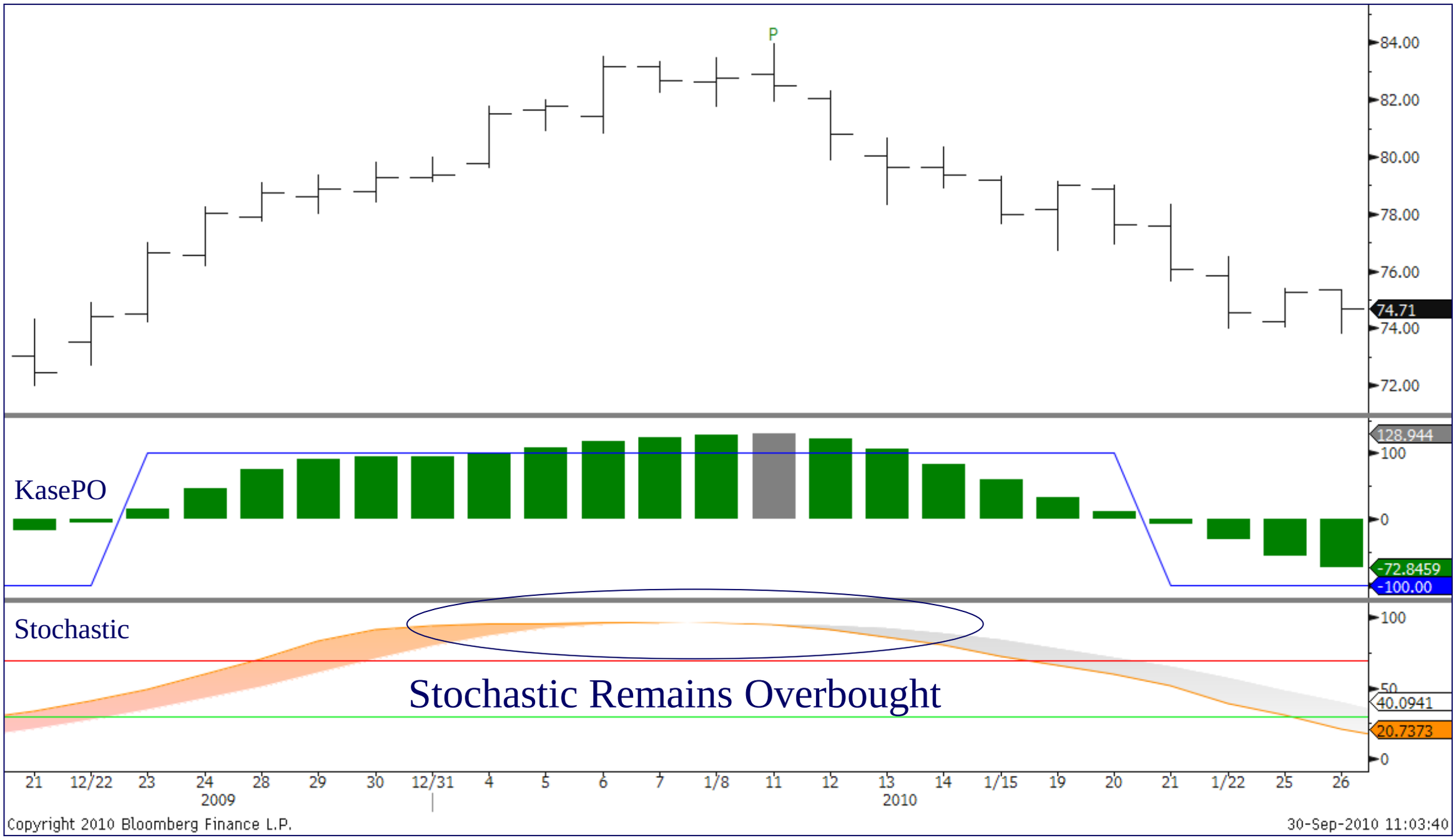
KasePO and Stochastic

CL Daily Continuous, Dec 2009/Jan 2010



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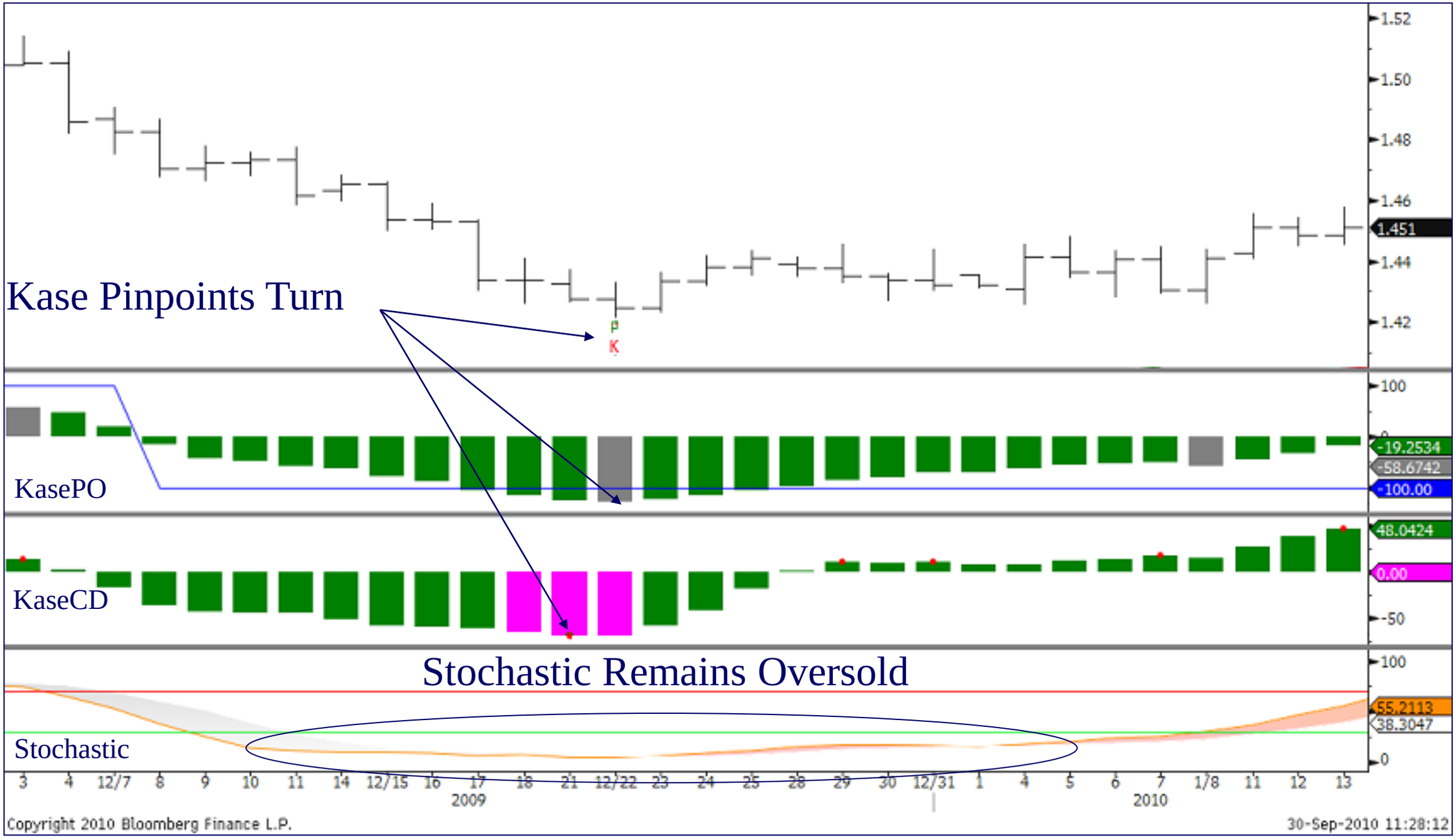
KasePO, KaseCD and Stochastic

EURUSD Daily, Dec/Jan 2010



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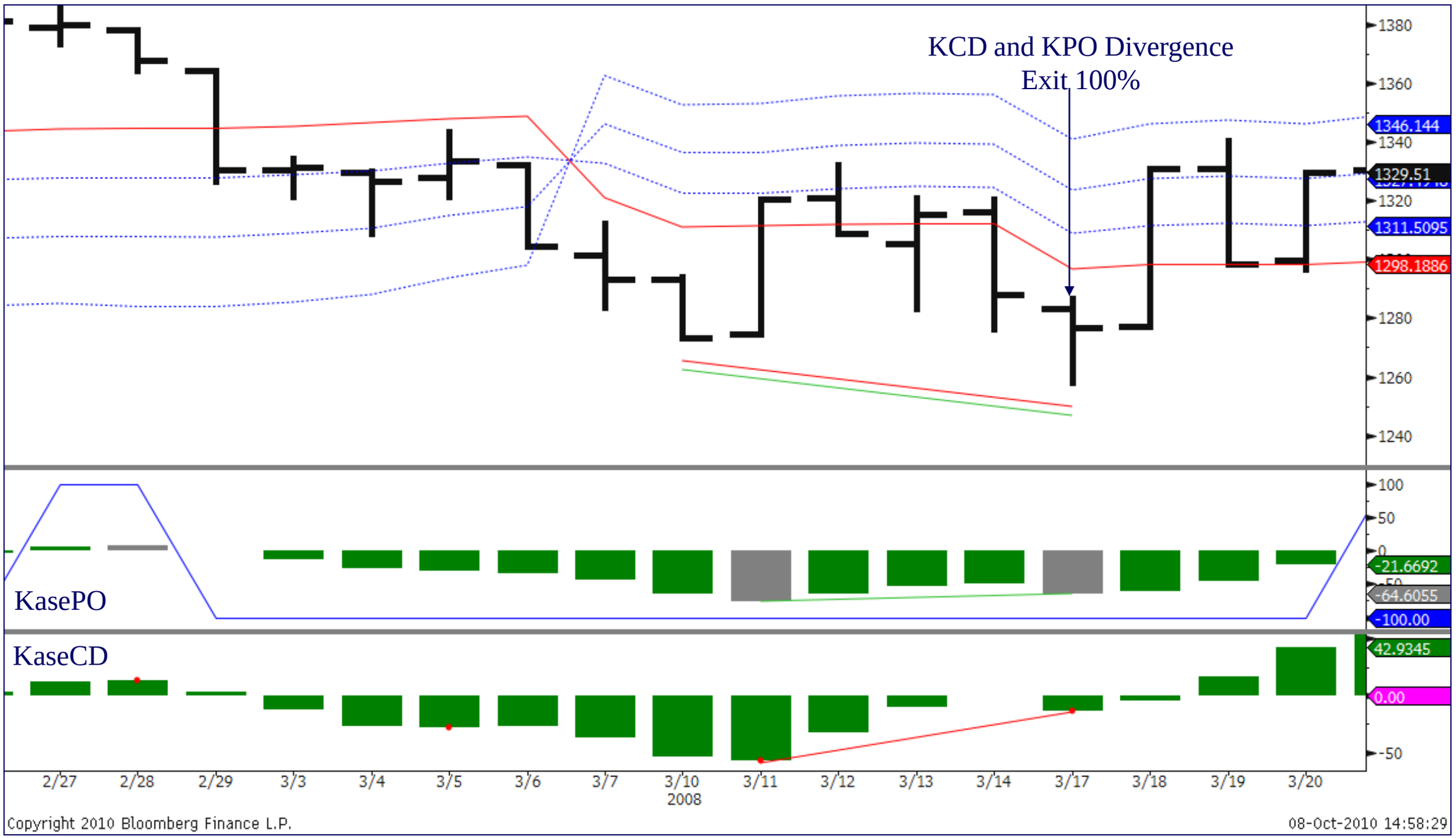
Double Divergence – Exit 100%

SPX Index Mar 2008



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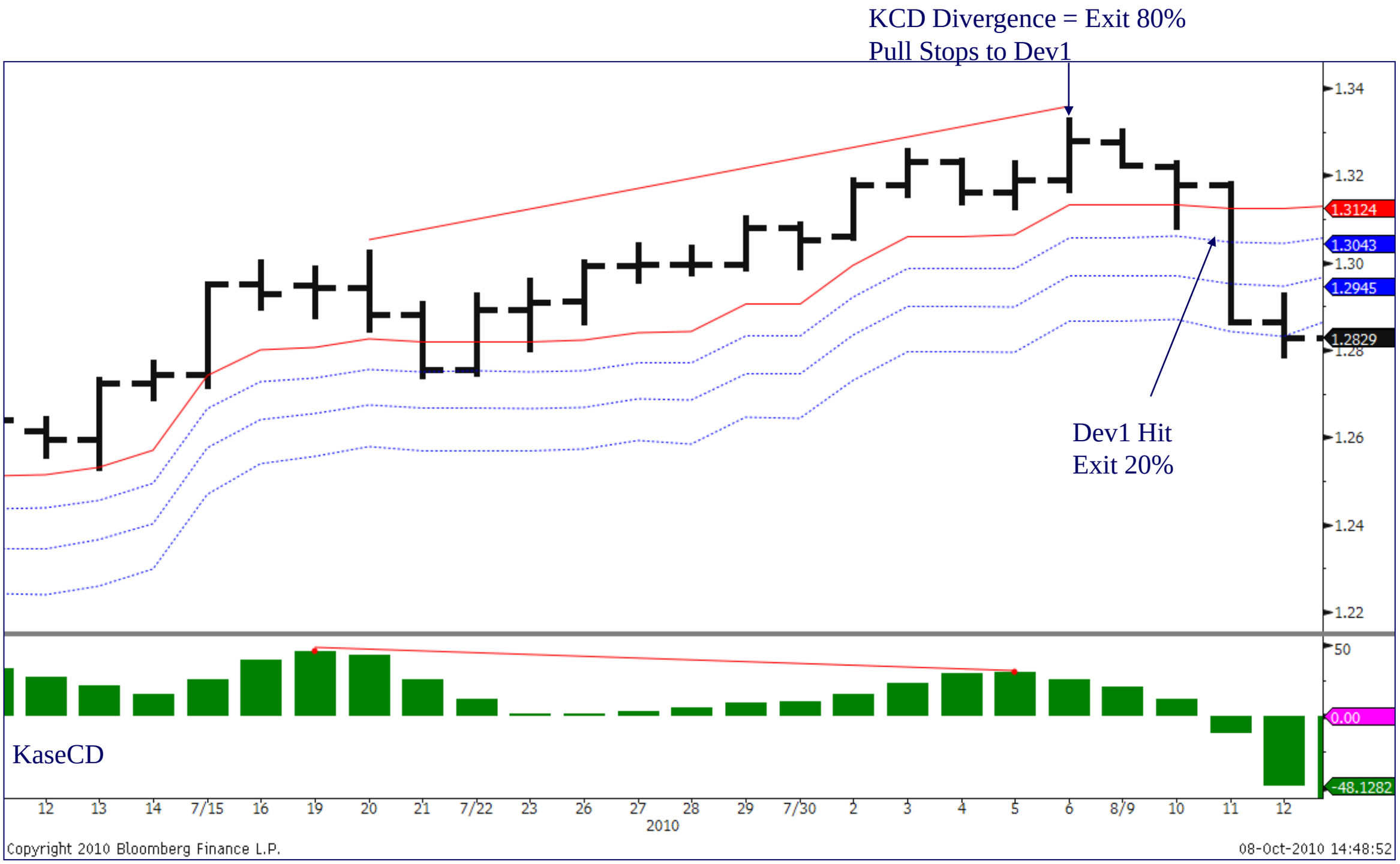
Divergence - Exit 80%

EURUSD Currency Jul/Aug 2010



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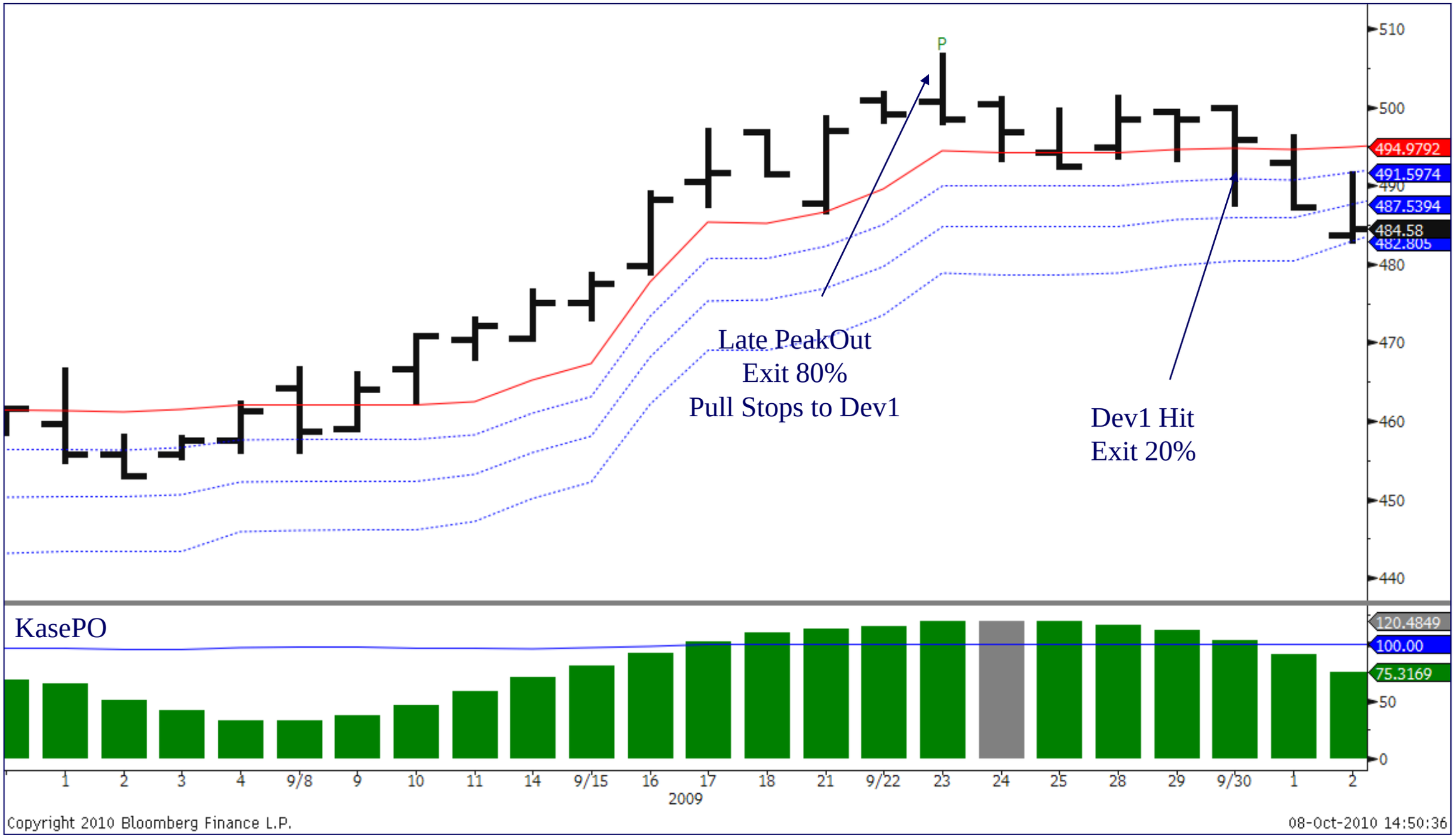
Late PeakOut – Exit 80%

GOOG Sep 2009



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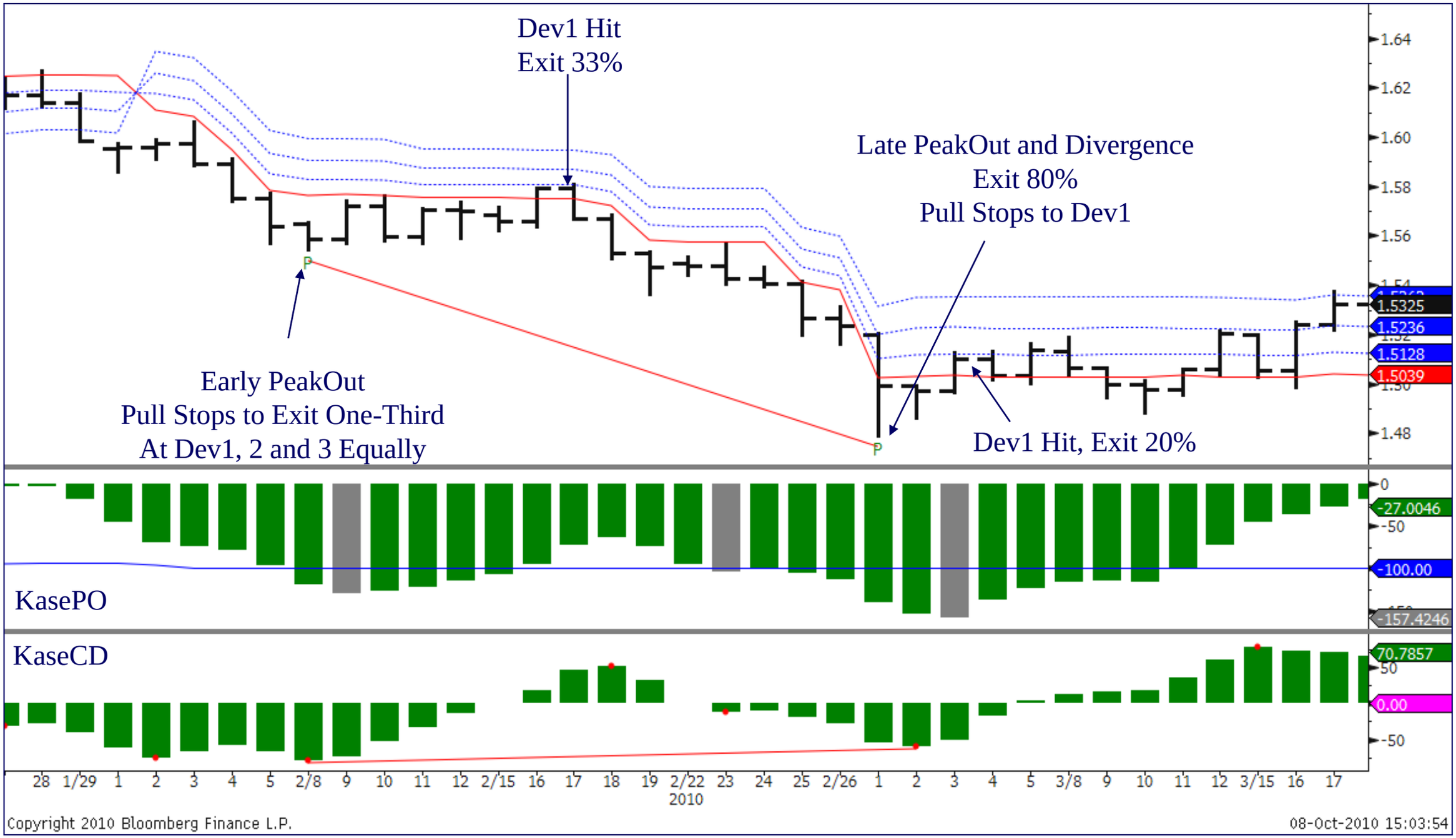
Early/Late PO and Divergence – Scale Out

GBPUSD Feb/Mar 2010



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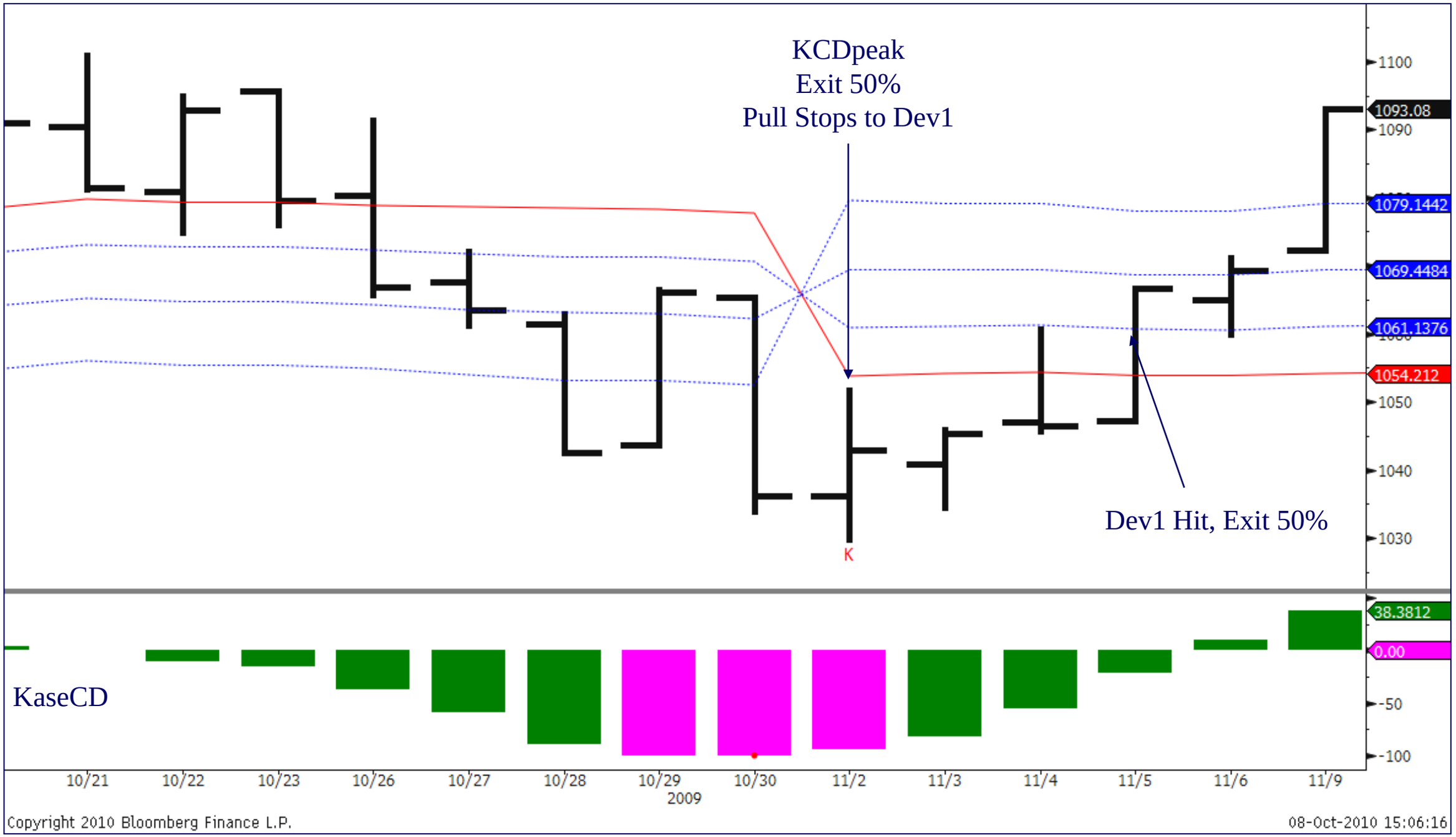
KCDpeak – Exit 50%

SPX Index Oct/Nov 2009



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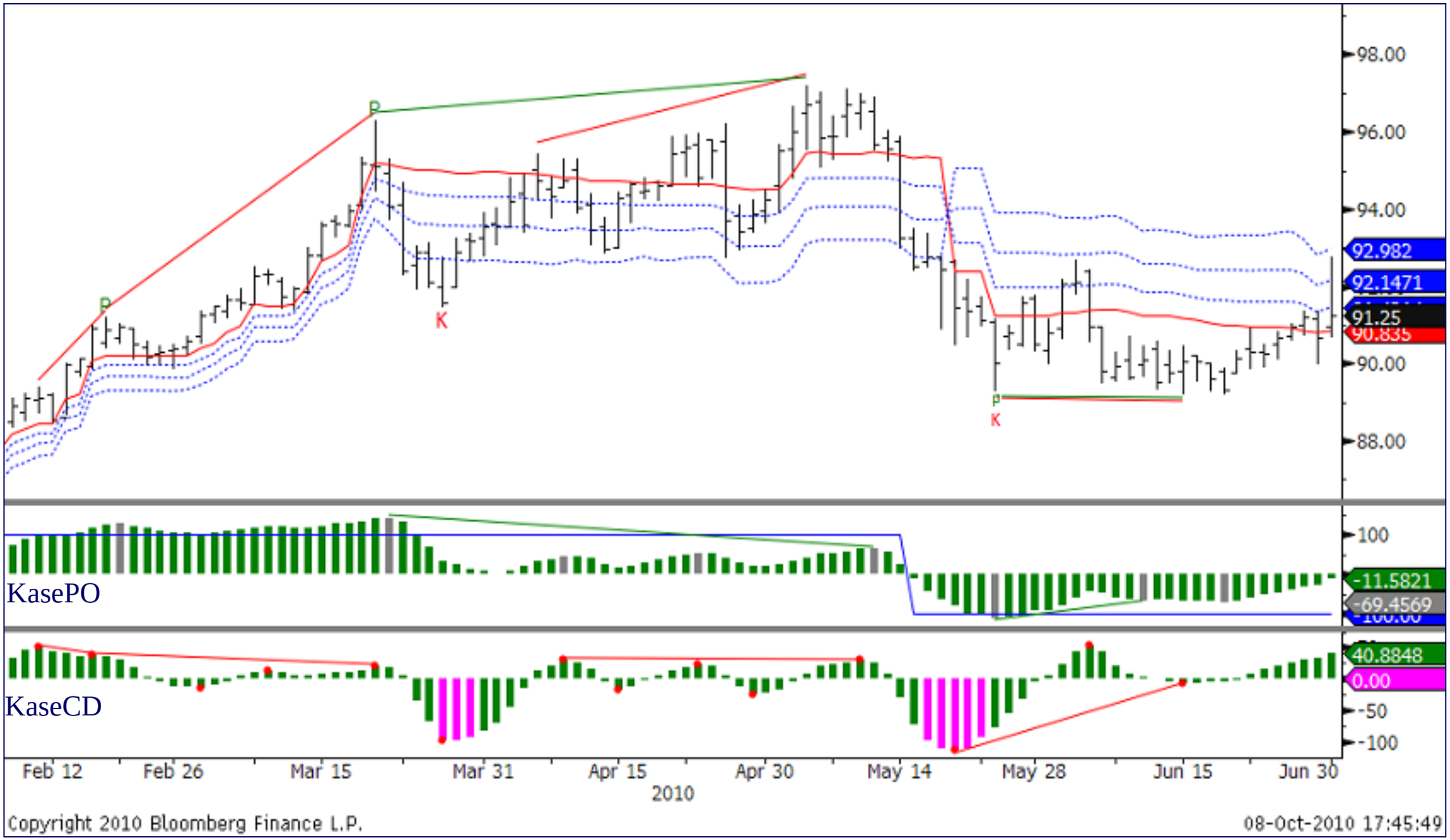
KaseCD, KasePO without Candlesticks

Overview, LCM10 Feb/Jun 2010



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KaseCD, KasePO with Candlesticks

LCM10 Feb/Mar 2010

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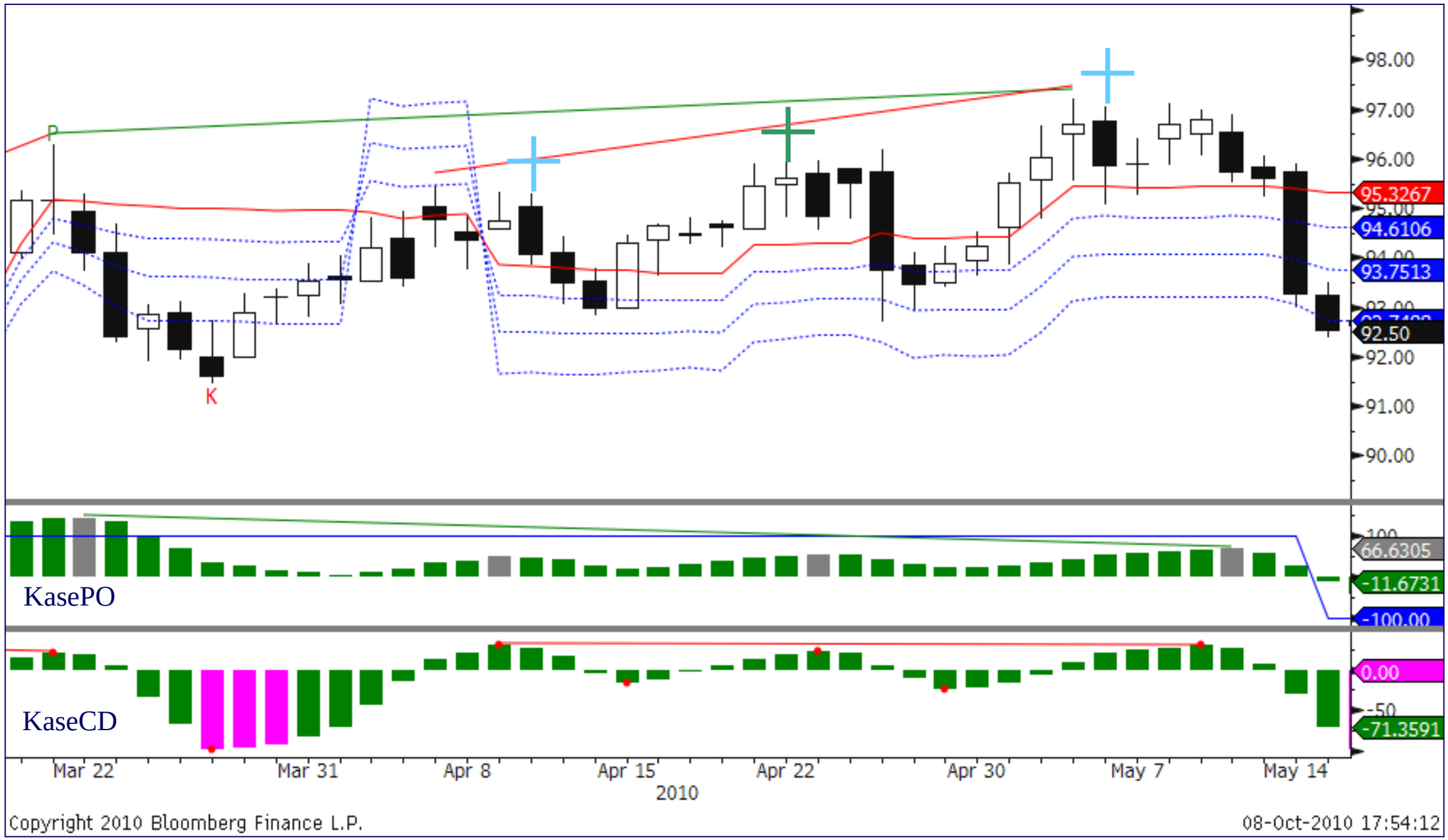
KaseCD, KasePO with Candlesticks

LCM10 Mar/May 2010



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KaseCD, KasePO with Candlesticks

LCM10 May/Jun 2010

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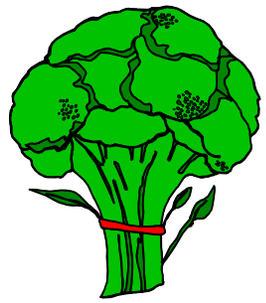
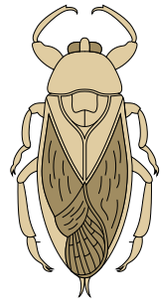
Comparison Table on Performance

Small and Large Turns





Indicator Combination	**Small Turn %**	**Large Turn %**
RSI and Stochastic	50	46
MACD and Stochastic	50	47
MACD and RSI	54	50
MACD, RSI and Stochastic	59	55
KasePO and KaseCD	80	82
Small Turn Addition	**Points**	**Percent**
Stochastic	4	7
Kase	21	40
Large Turn Addition	**Points**	**Percent**
Stochastic	5	8
Kase	27	50

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Kase StatWare™ Trade and Portfolio Management Examples

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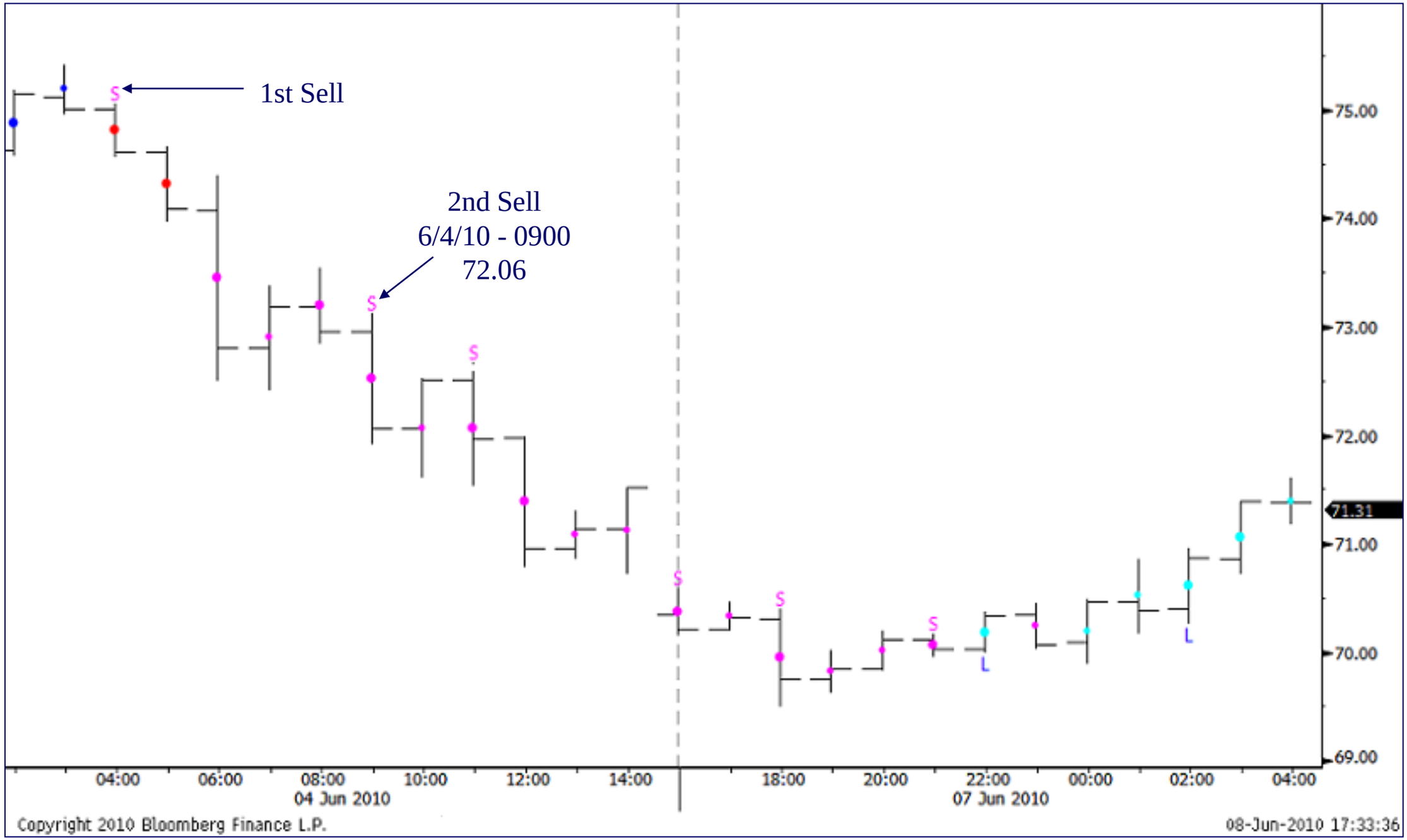
Trade Example (1) - Entry

CLN10 60-min, June 4, 2010



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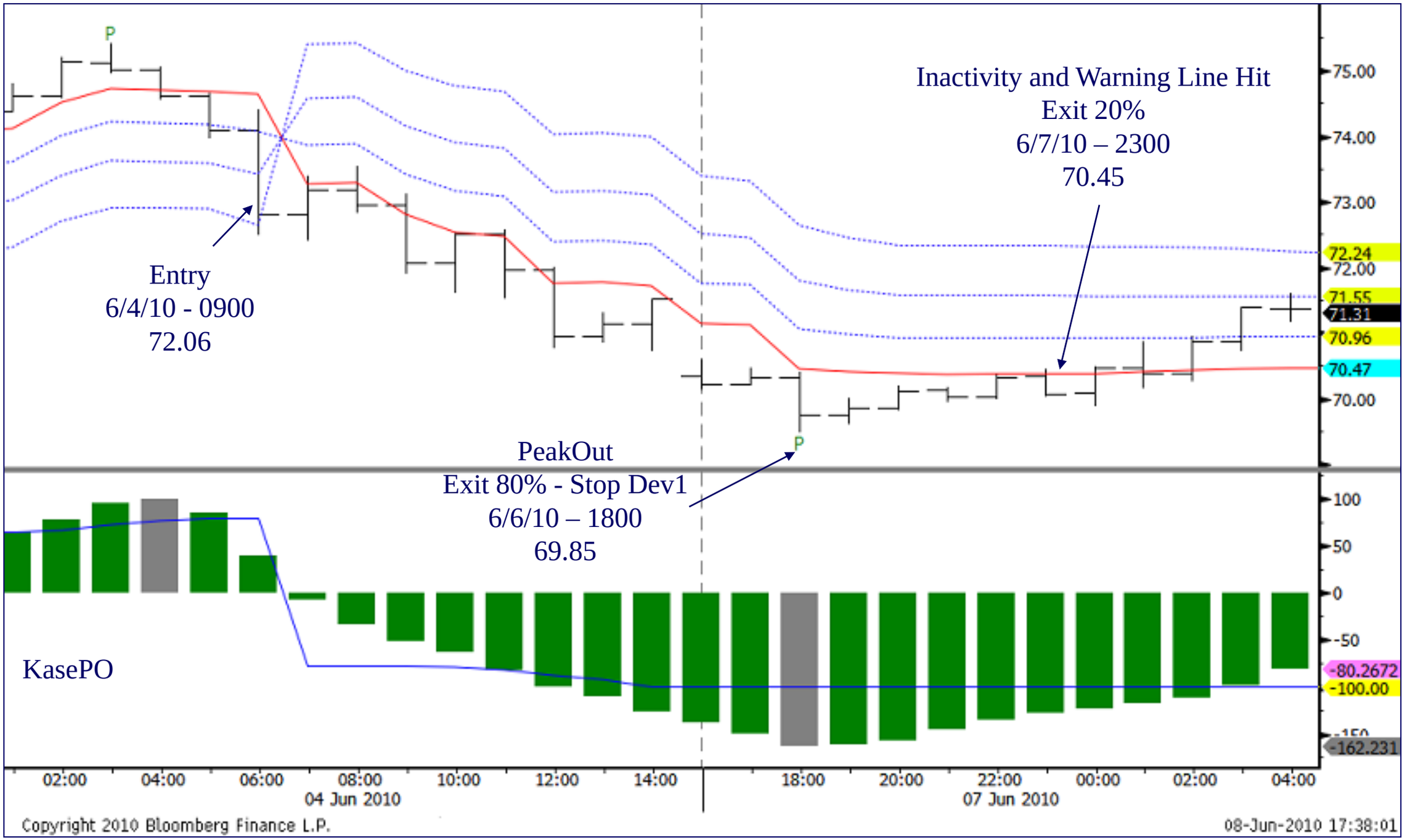
Trade Example (1) - Exit

CLN10 60-min, June 4, 2010



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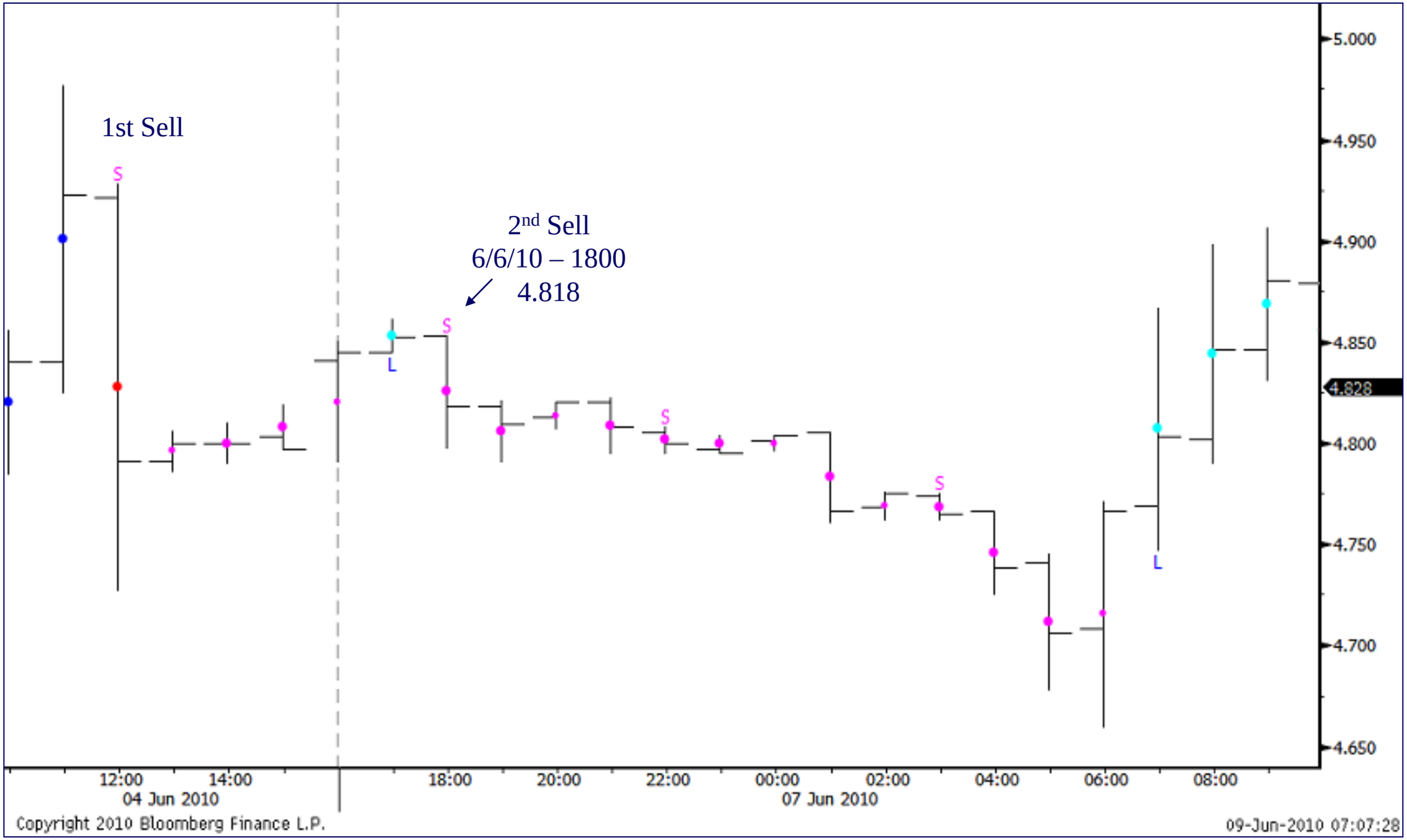
Trade Example (2) - Entry

NGN10 60-min, June 6, 2010



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Trade Example (2) - Exit

NGN10 60-min, June 6, 2010

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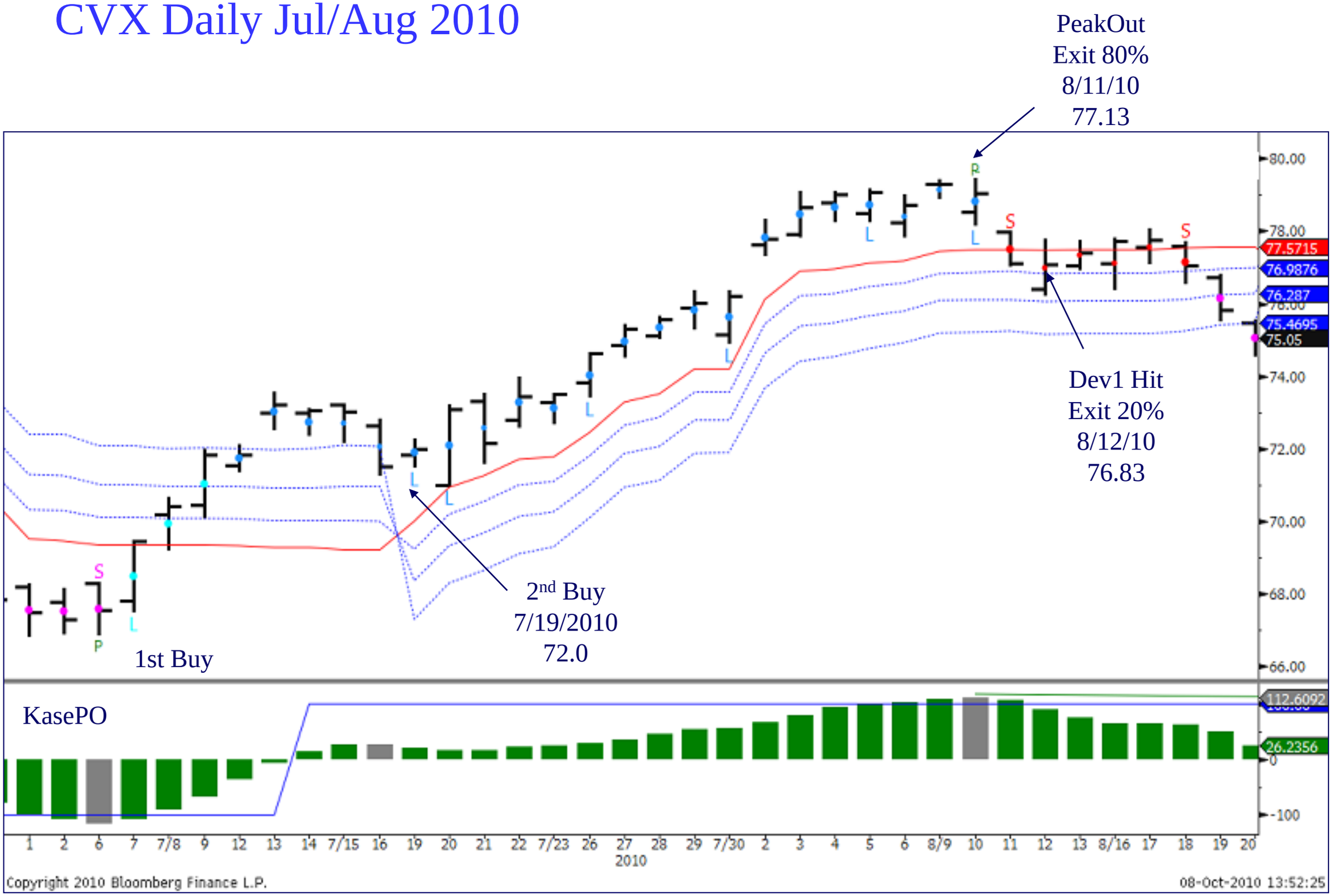
Trade Example (3) – Entry/Exit

CVX Daily Jul/Aug 2010



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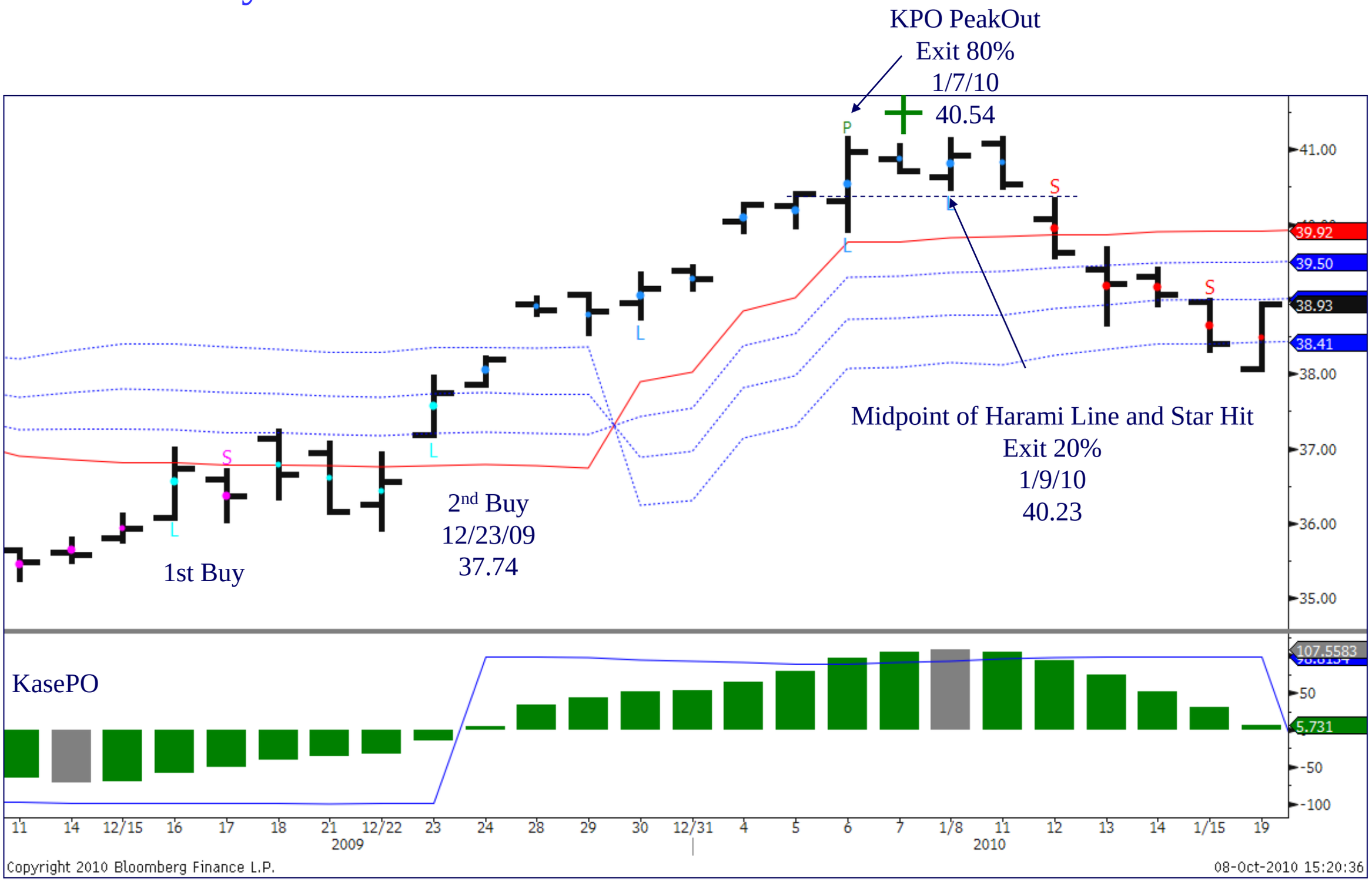
Trade Example (4) – Entry/Exit

USO Daily Dec 2009/Jan 2010



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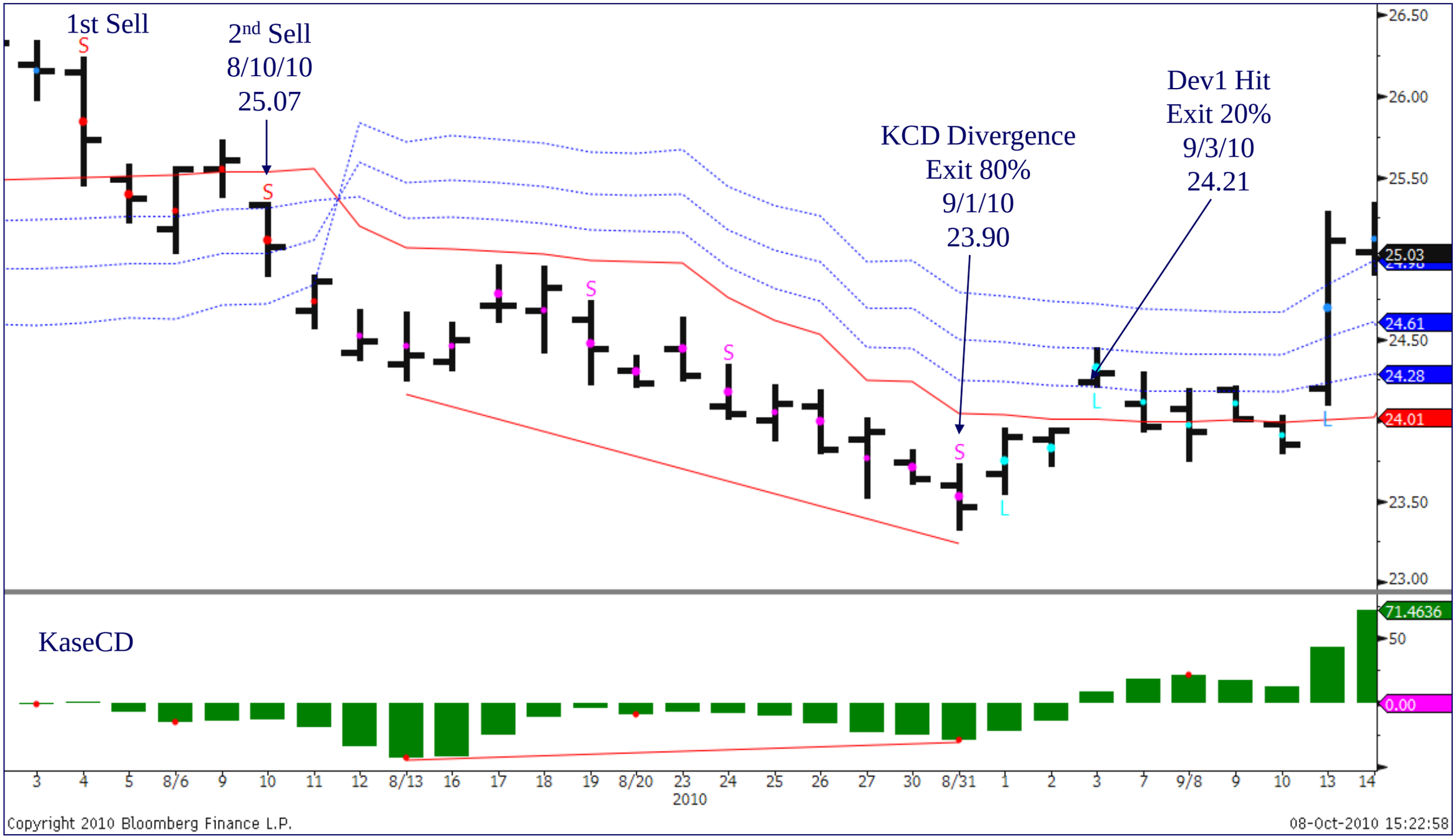
Trade Example (5) – Entry/Exit

MSFT Daily Aug/Sep 2010



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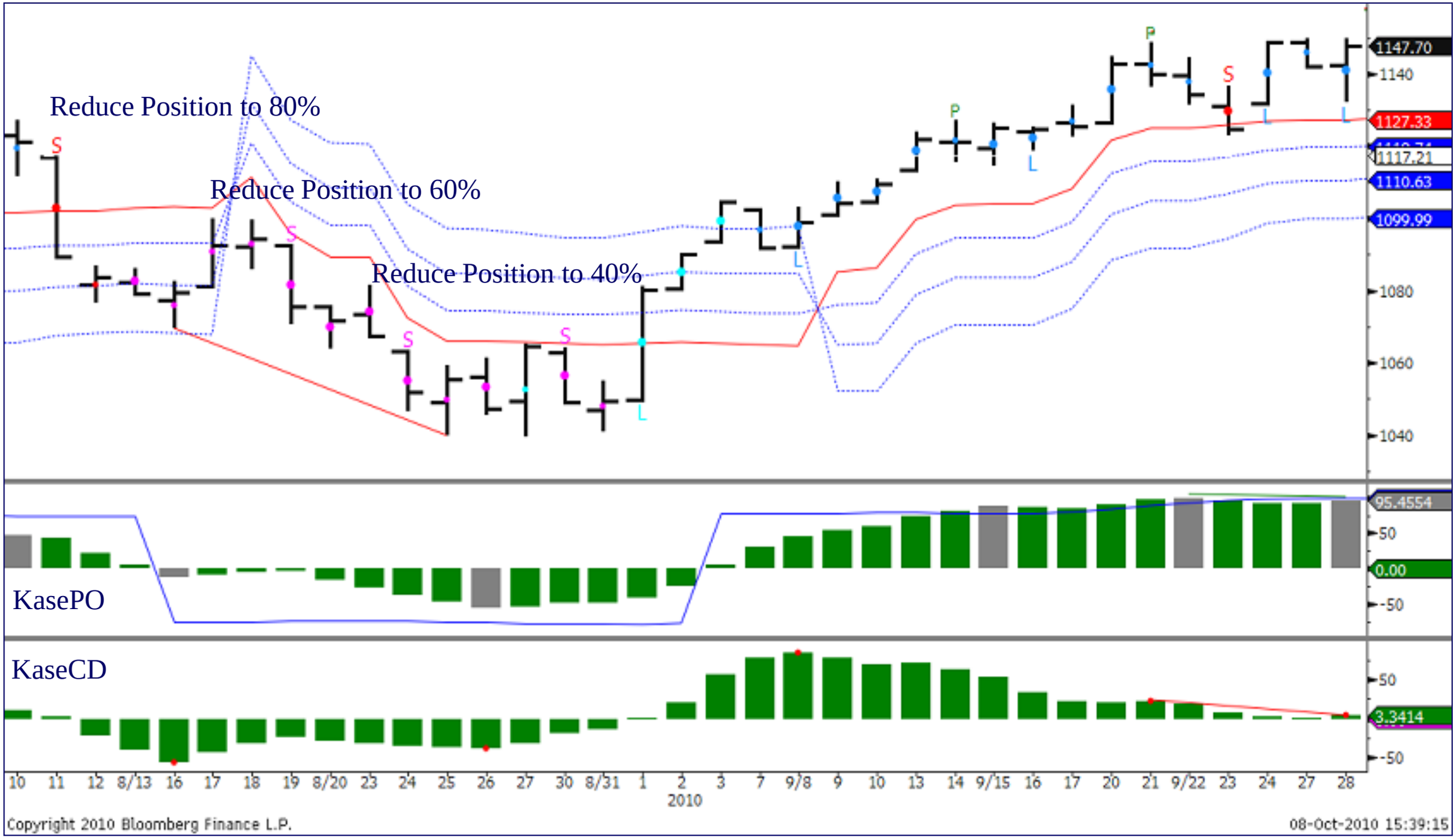
Kase StatWare Long Only – Scale In/Out

SPX Index Daily



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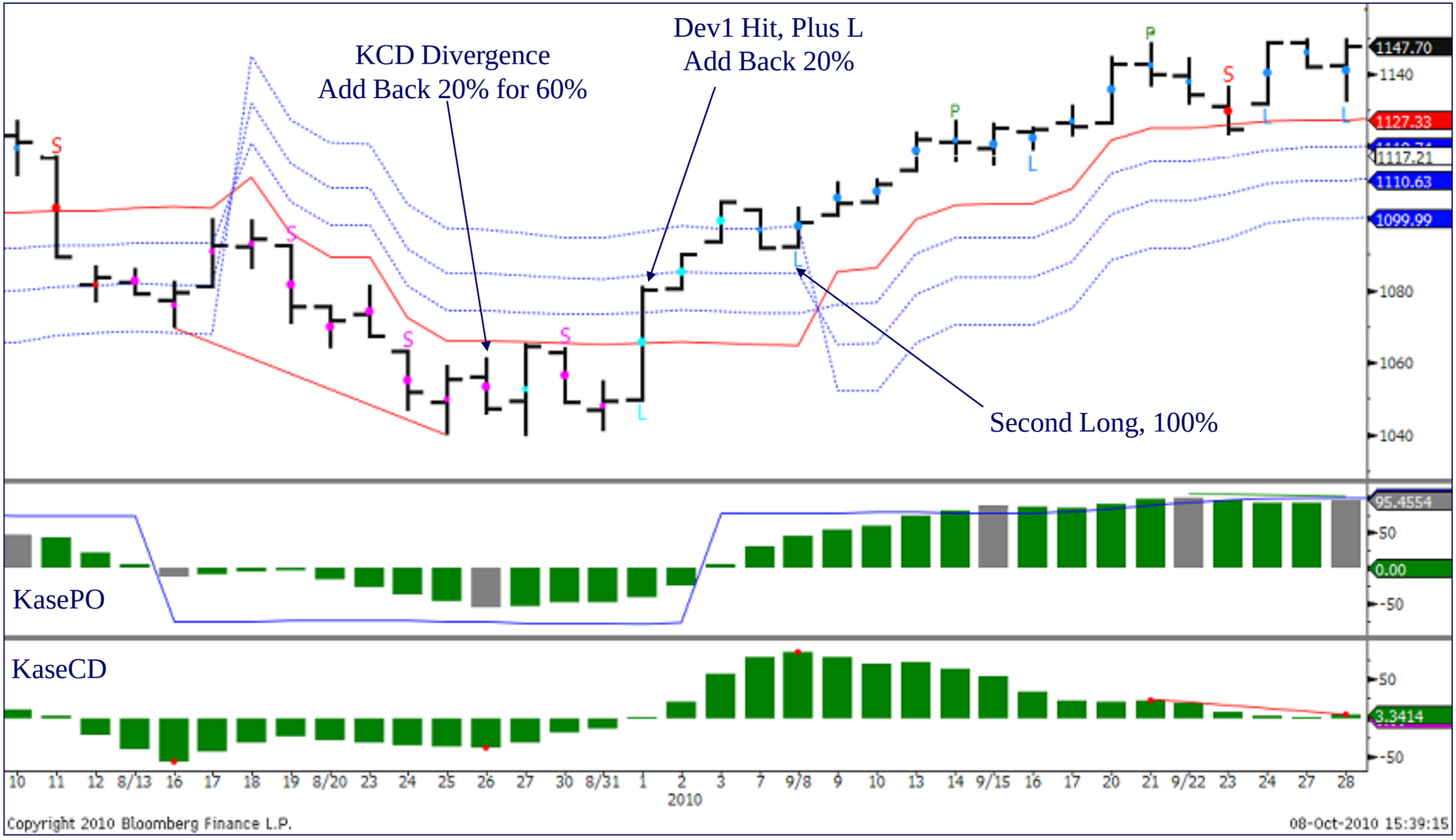
Kase StatWare Long Only – Scale In/Out

SPX Index Daily

PeakOut, Scale Out Stops , Not Hit,
Remain at 100%



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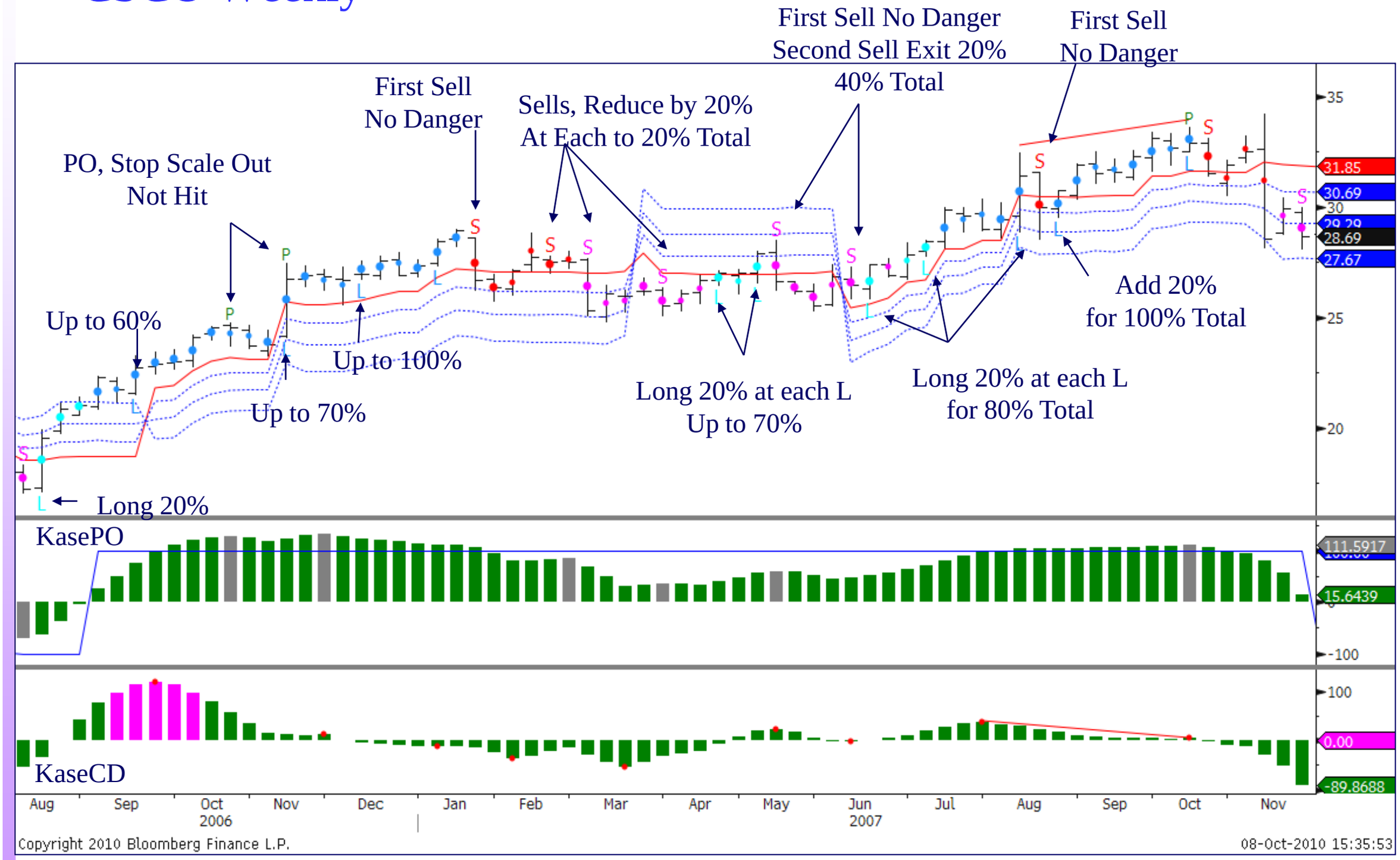
Kase StatWare – Long Only

CSCO Weekly



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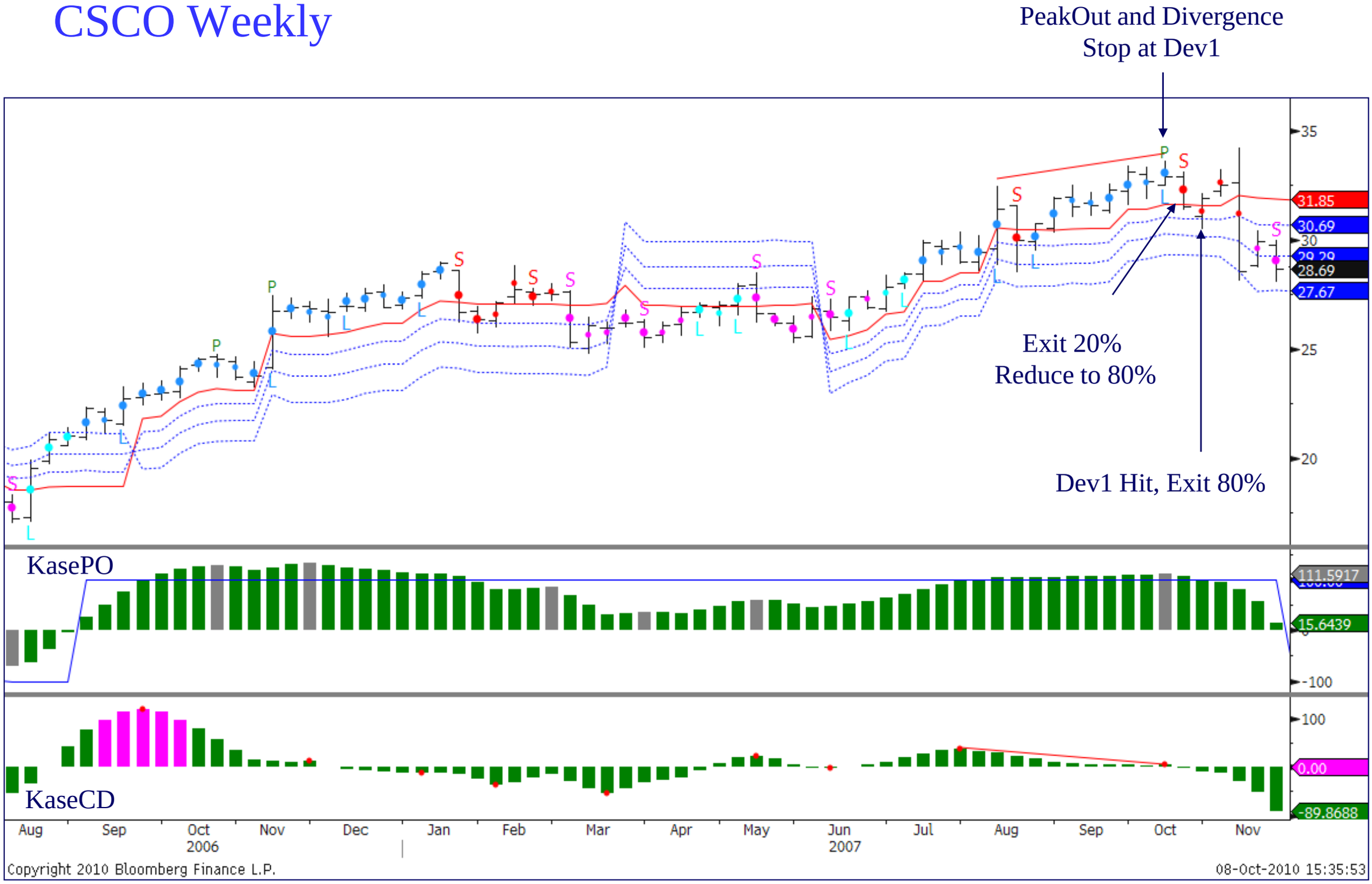
Kase StatWare – Long Only

CSCO Weekly



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Kase Forecasting Methods

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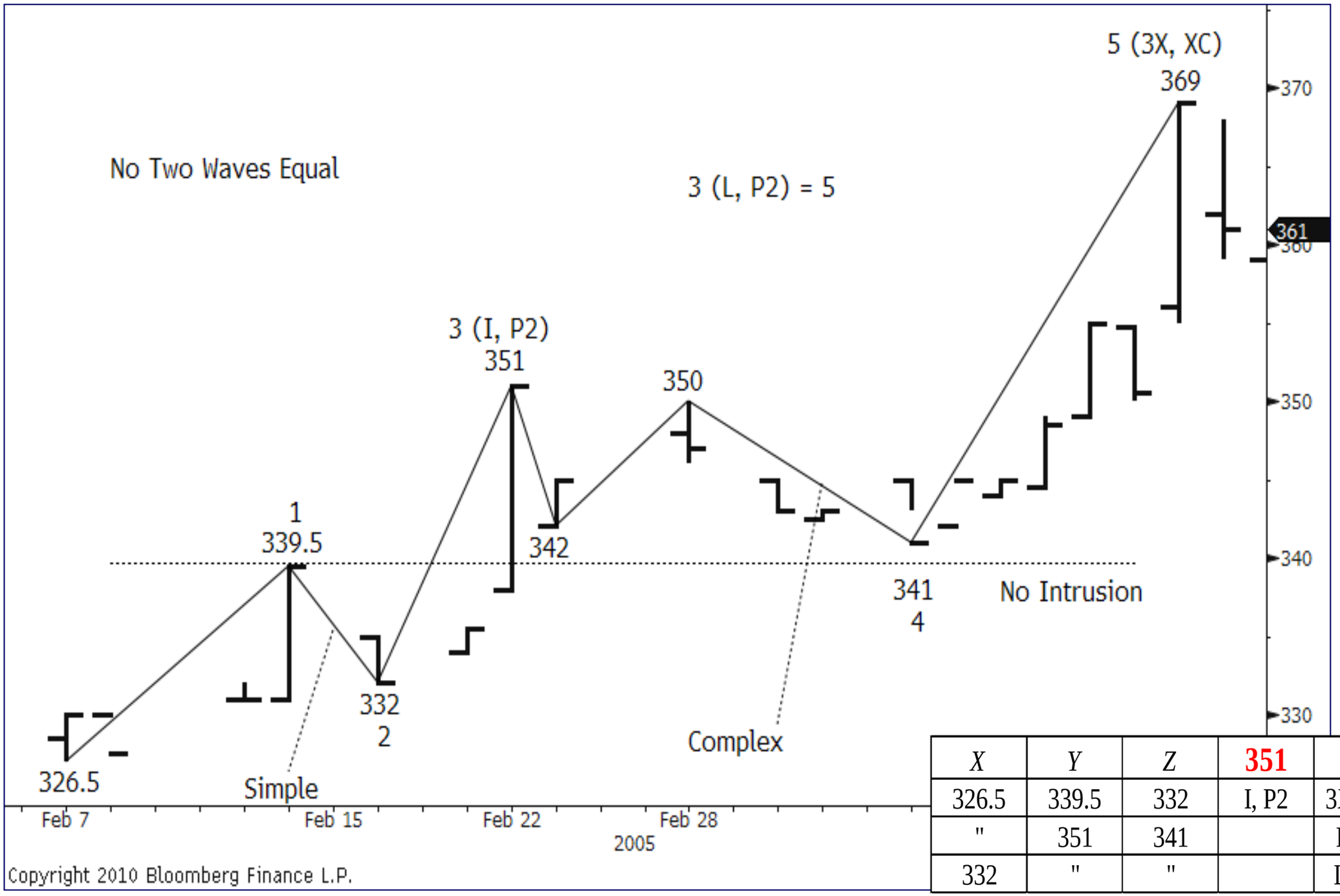
Five-Wave Labeling

Wheat July 06



X	*Y*	*Z*	**351**	**369**
326.5	339.5	332	I, P2	3X, XC
"	351	341		E, P2
332	"	"		L, *P2*

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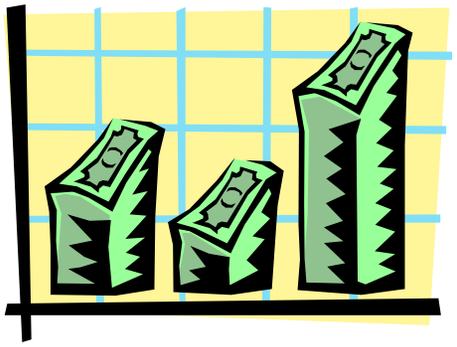
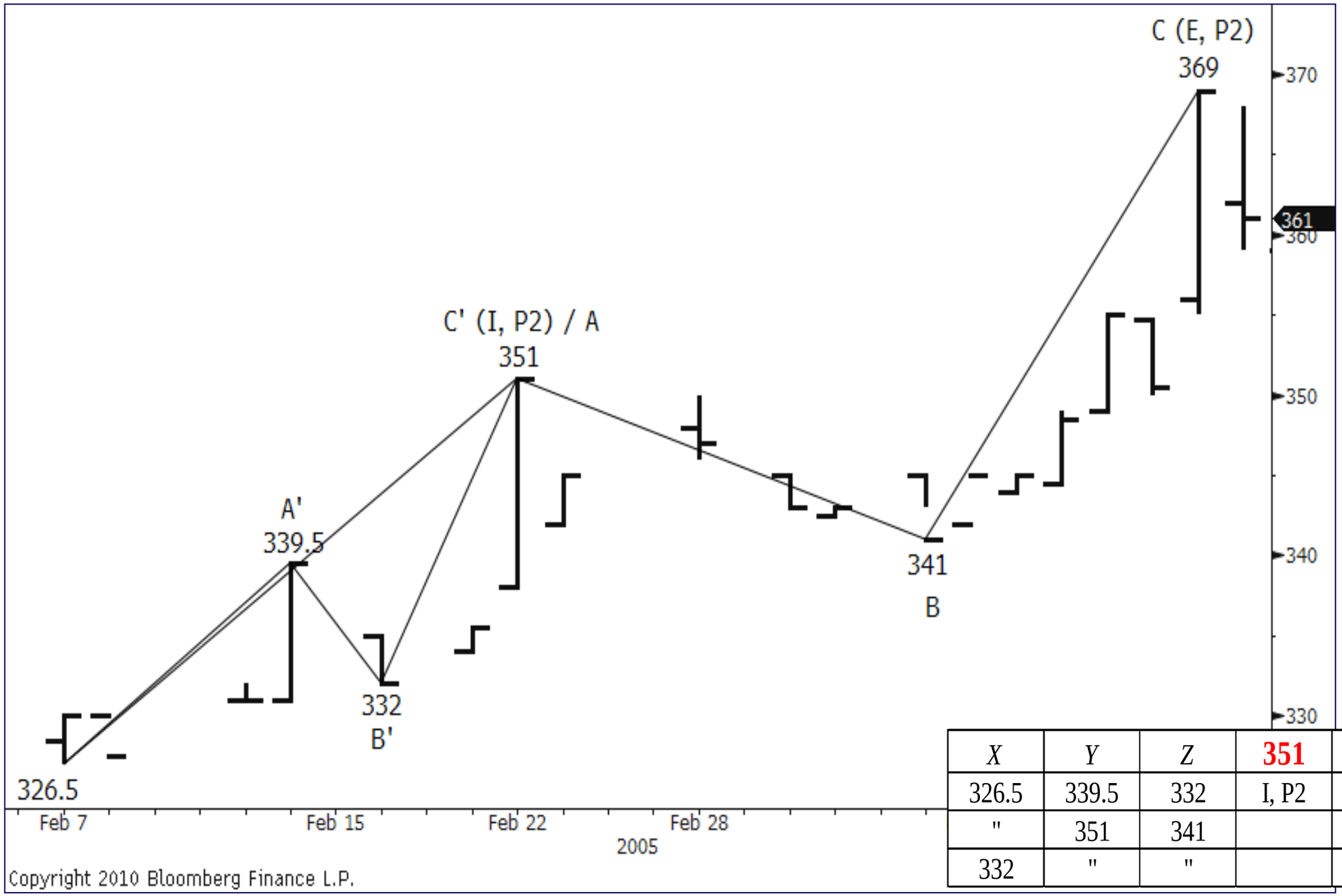
Three-Wave Labeling

Wheat July 06





X	*Y*	*Z*	**351**	**369**
326.5	339.5	332	I, P2	3X, XC
"	351	341		E, P2
332	"	"		L, *P2*

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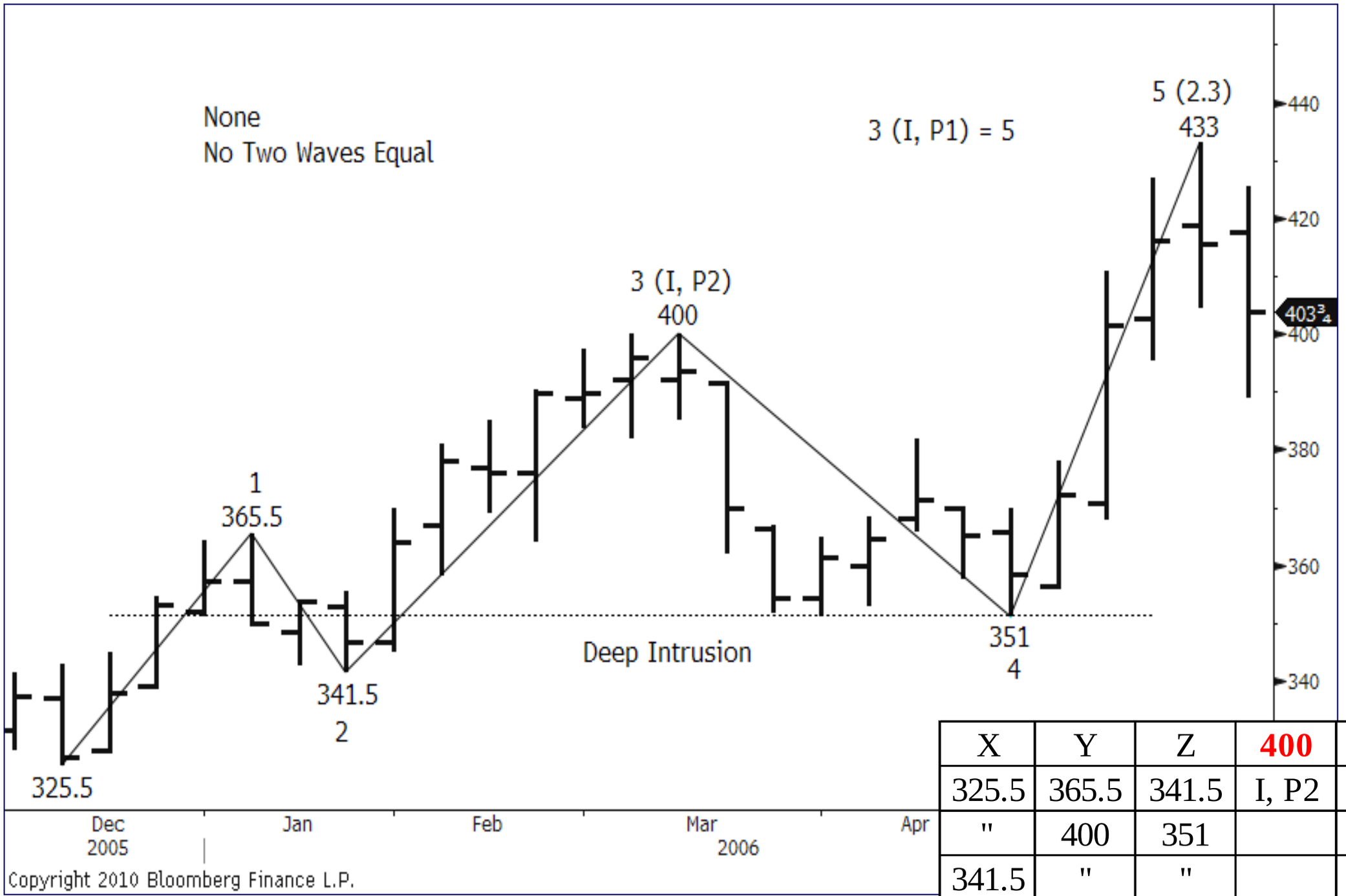
Five-Wave Labeling

Wheat July 06



X	Y	Z	400	433
325.5	365.5	341.5	I, P2	
"	400	351		E, P1
341.5	"	"		I, P1
351	382	"		XC, P2

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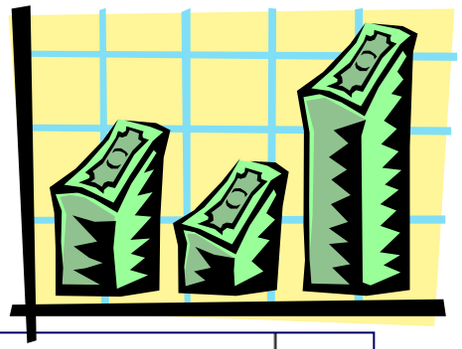
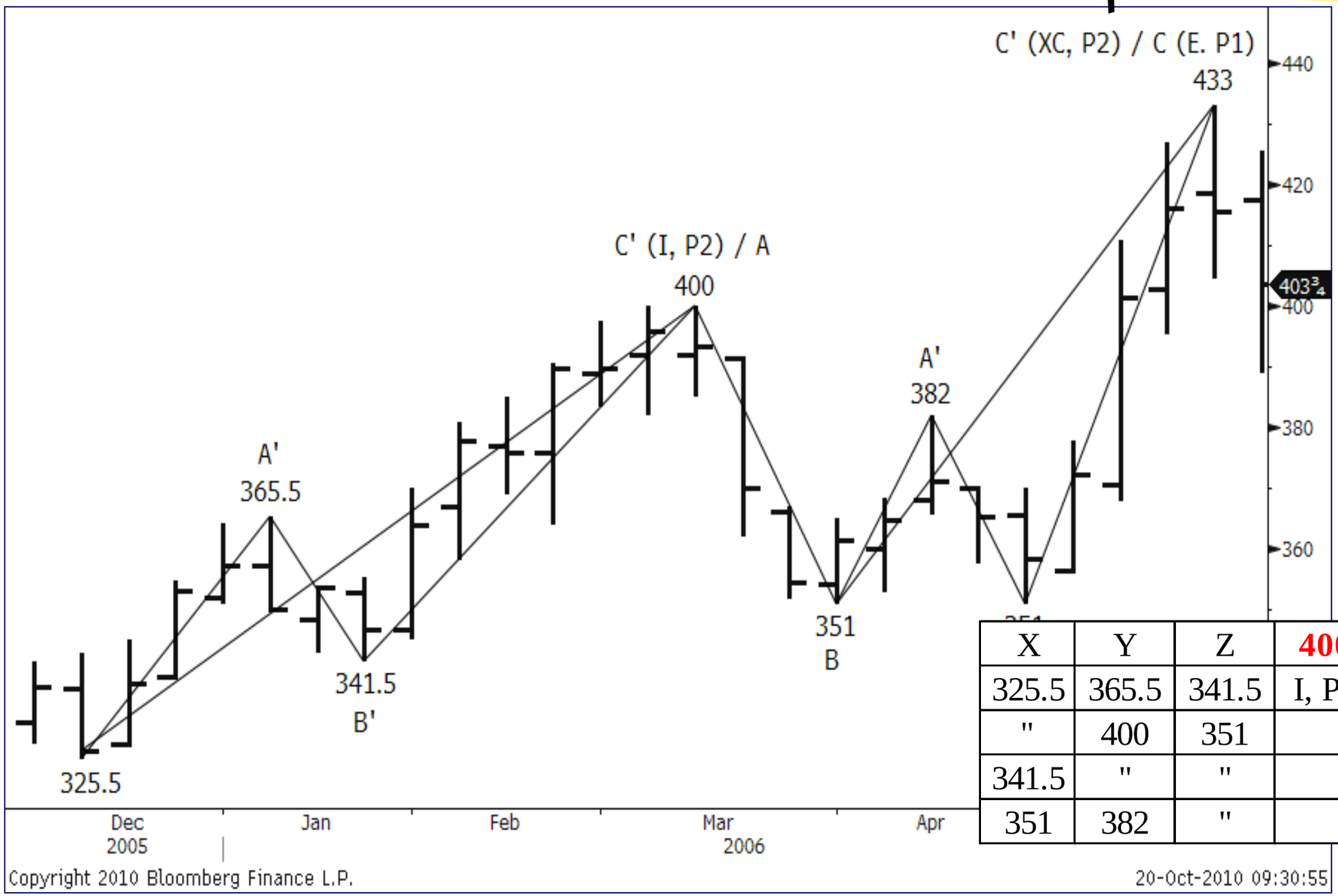
Three-Wave Labeling

Wheat July 06





X	Y	Z	400	433
325.5	365.5	341.5	I, P2	
"	400	351		E, P1
341.5	"	"		I, *P1*
351	382	"		XC, P2

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Evaluating Prices
Using Kase Grids and Kase Cascades

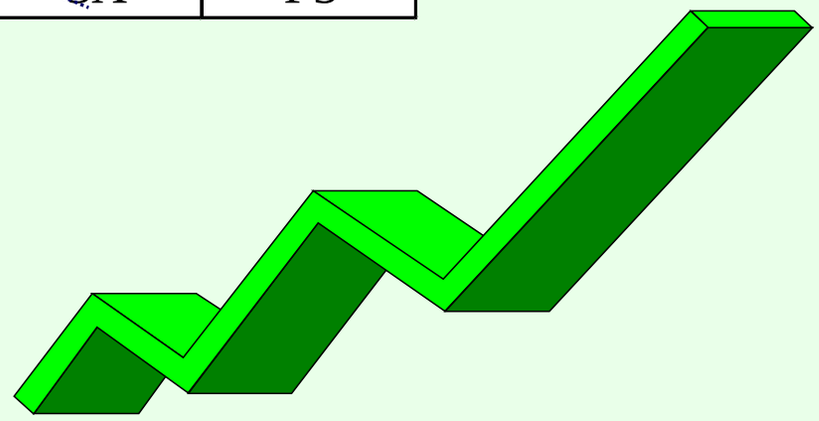
Forecasting Grid

X	Y	Z	S	E	I	L	3X	XC	P1	P2	P3
x1	y1	z1	Target 1	Target 2	Target 3				Target 4		
x2	y2	z2		Target 3		Target 3				Target 4	
x3	y3	z3					Target 3		Target 1		Target 4

Cascades

X	Y	Z	Target 1	Target 2	Target 3	Target 4
x1	y1	z1	S	E	I	P1
x2	y2	z2		E	L	P2
x3	y3	z3	P1		3X	P3

- Diagonal
- Down Column
- Across Row
- Impulsive
- Corrective
- Mixed



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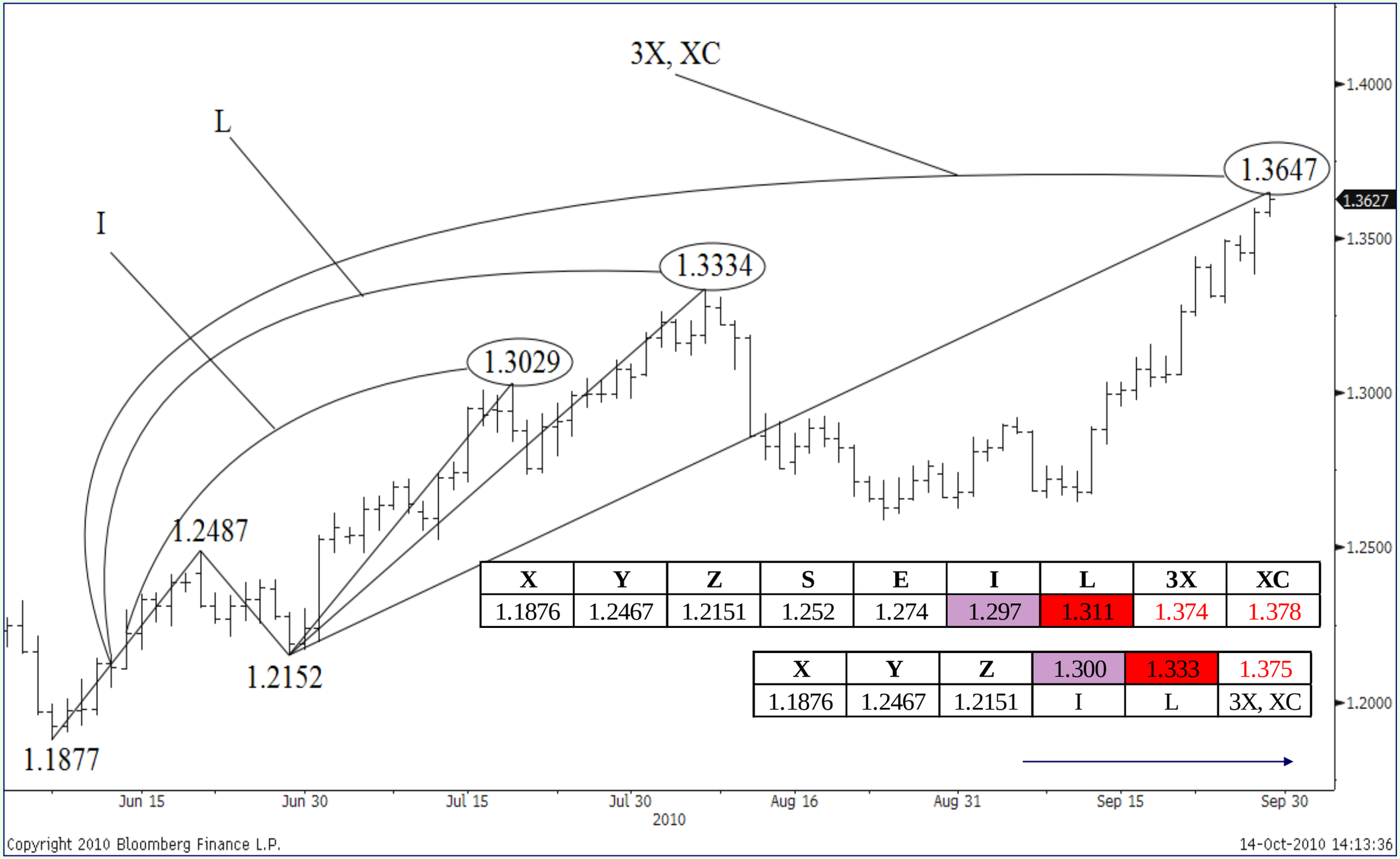
Across Row Impulse Cascade

EURUSD Daily



X	Y	Z	S	E	I	L	3X	XC
1.1876	1.2467	1.2151	1.252	1.274	1.297	1.311	1.374	1.378

X	Y	Z	1.300	1.333	1.375
1.1876	1.2467	1.2151	I	L	3X, XC

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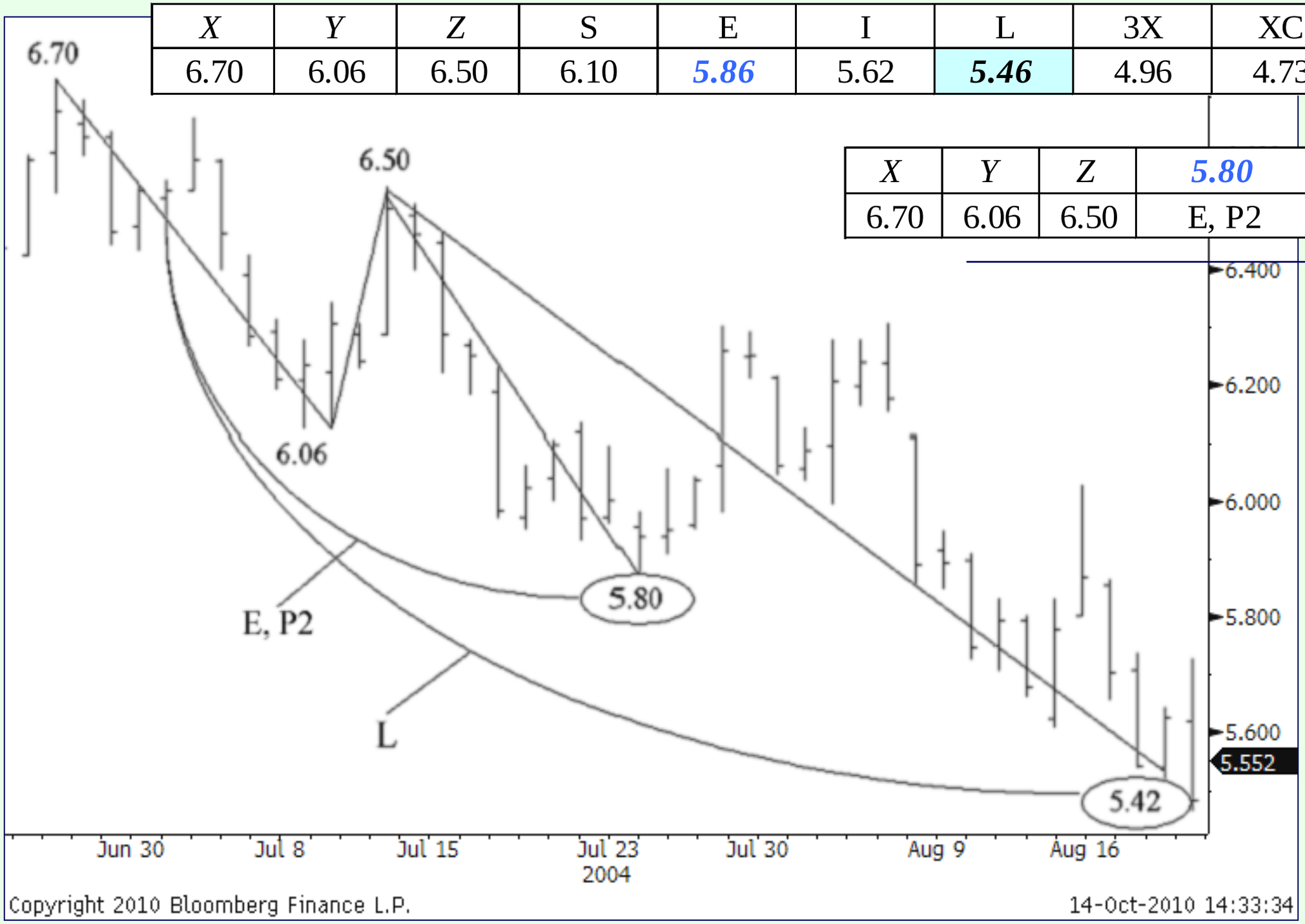
NGU04 Mixed Across the Row Cascade

X	*Y*	*Z*	S	E	I	L	3X	XC	P1
6.70	6.06	6.50	6.10	***5.86***	5.62	***5.46***	4.96	4.73	***5.79***

X	*Y*	*Z*	***5.80***	***5.42***
6.70	6.06	6.50	E, P2	L



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CN07 Mixed Down Column Cascade

X	*Y*	*Z*	S	E	I	L	3X	XC	P1
248	393.5	352.5	***442***	498	554	588	991	755	419
352.5	420.5	391.5	***434***	460	485	502	598	579	***438***

X	Y	Z	***437.25***
248	393.5	352.5	S
352.5	420.5	391.5	S, P1

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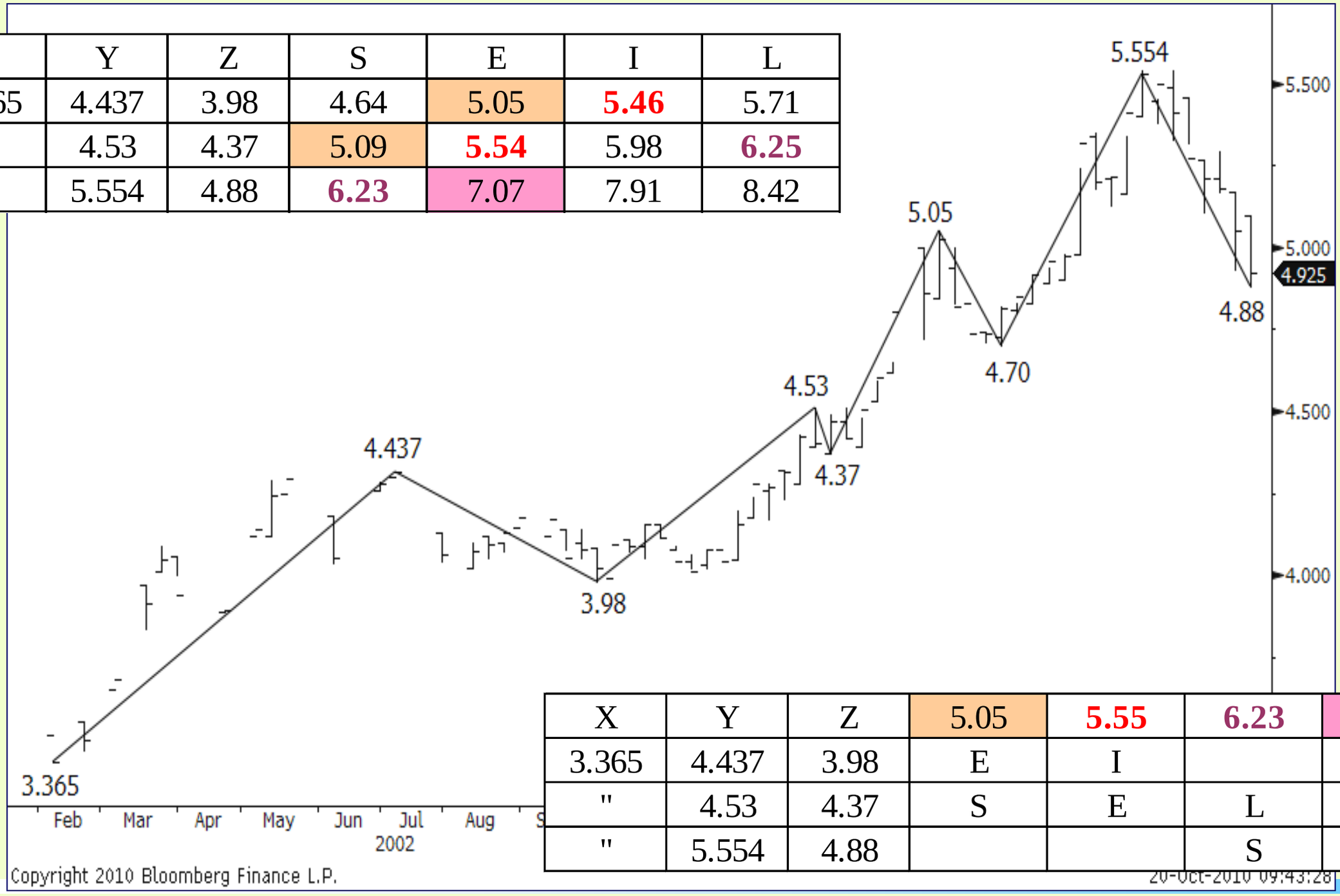
Simple Forecasting without Wave Counts

NGZ04 Diagonal Kase Cascade Forecast 7/25/03

X	Y	Z	S	E	I	L
3.365	4.437	3.98	4.64	5.05	**5.46**	5.71
"	4.53	4.37	5.09	**5.54**	5.98	**6.25**
"	5.554	4.88	**6.23**	7.07	7.91	8.42



X	Y	Z	5.05	**5.55**	**6.23**	7.07
3.365	4.437	3.98	E	I		
"	4.53	4.37	S	E	L	
"	5.554	4.88			S	E

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NGZ04 Kase Cascade Forecast

Outcome 5/28/04

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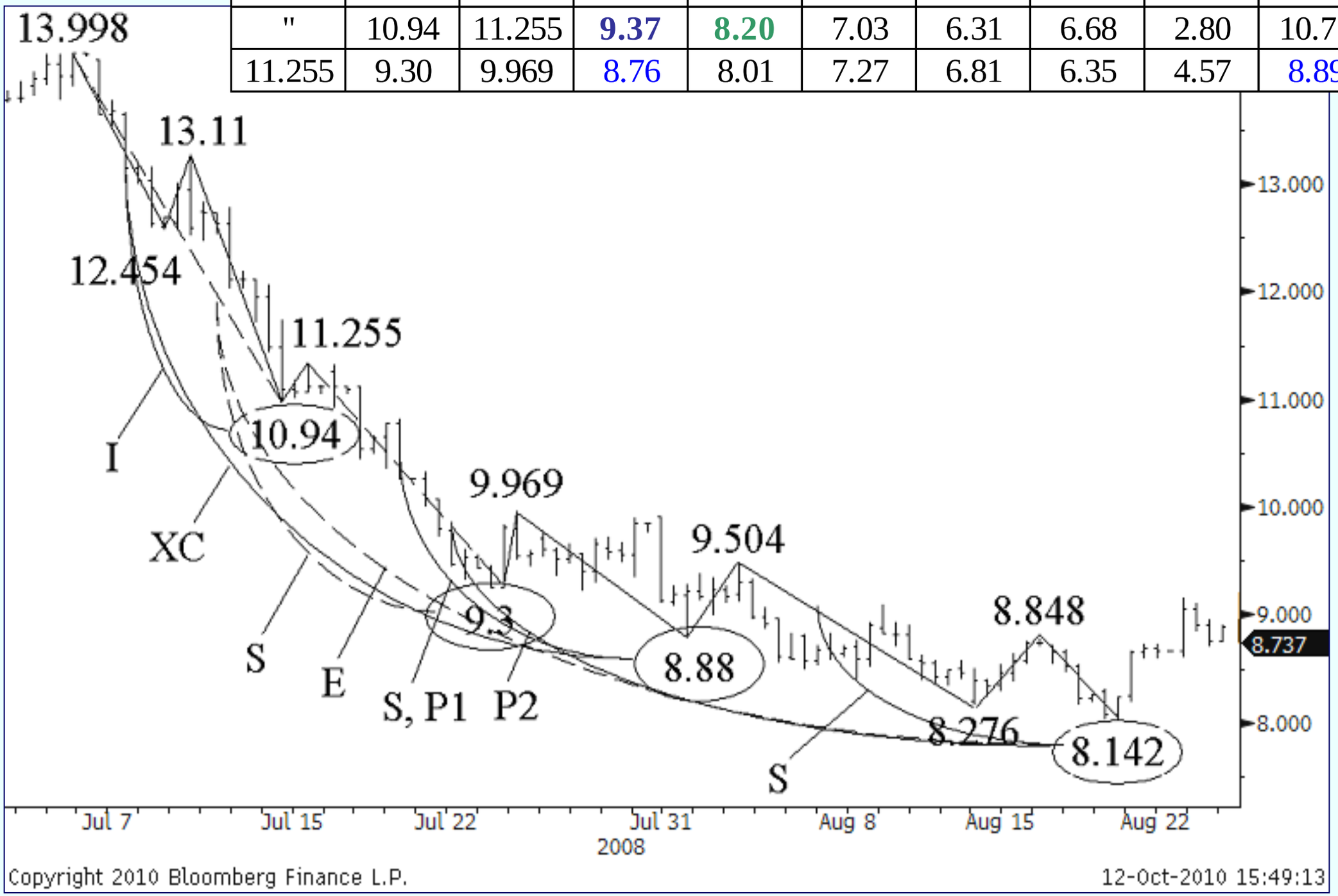
NGX08 Daily Proportions from $13.998

X	*Y*	*Z*	S	E	I	L	3X	XC	P1	P2
13.998	12.454	13.11	12.16	11.57	**10.98**	10.61	9.86	8.84	12.05	11.39
"	10.94	11.255	**9.37**	**8.20**	7.03	6.31	6.68	2.80	10.75	10.43
11.255	9.30	9.969	8.76	8.01	7.27	6.81	6.35	4.57	8.89	**8.22**



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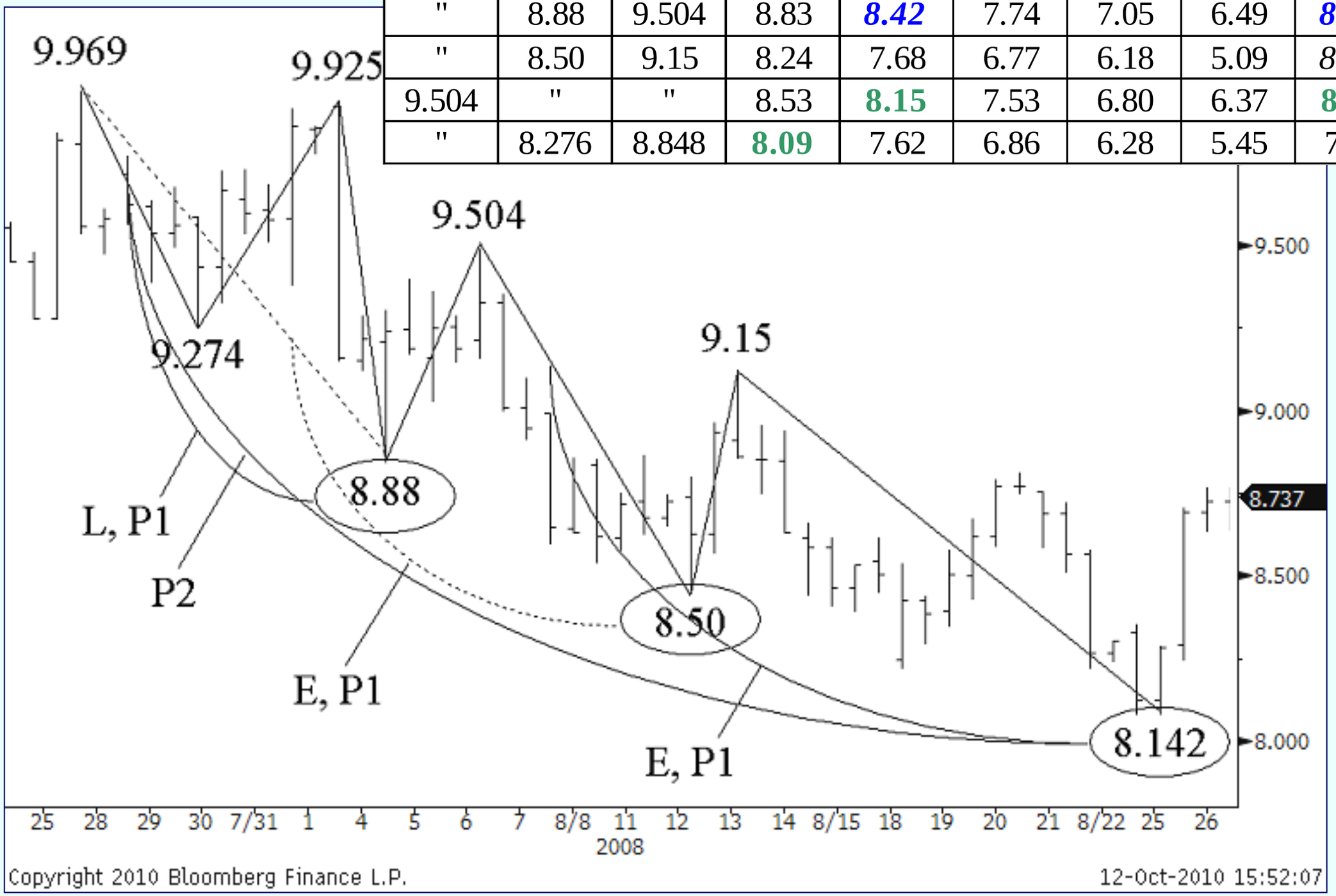
NGX08 Daily Proportions from $9.969

X	*Y*	*Z*	S	E	L	3X	XC	P1	P2
9.969	9.274	9.925	9.50	9.23	8.80	8.03	8.00	8.87	**8.22**
"	8.88	9.504	8.83	***8.42***	7.74	7.05	6.49	***8.49***	*7.87*
"	8.50	9.15	8.24	7.68	6.77	6.18	5.09	*8.10*	*7.45*
9.504	"	"	8.53	**8.15**	7.53	6.80	6.37	**8.10**	7.45
"	8.276	8.848	**8.09**	7.62	6.86	6.28	5.45	7.92	7.35



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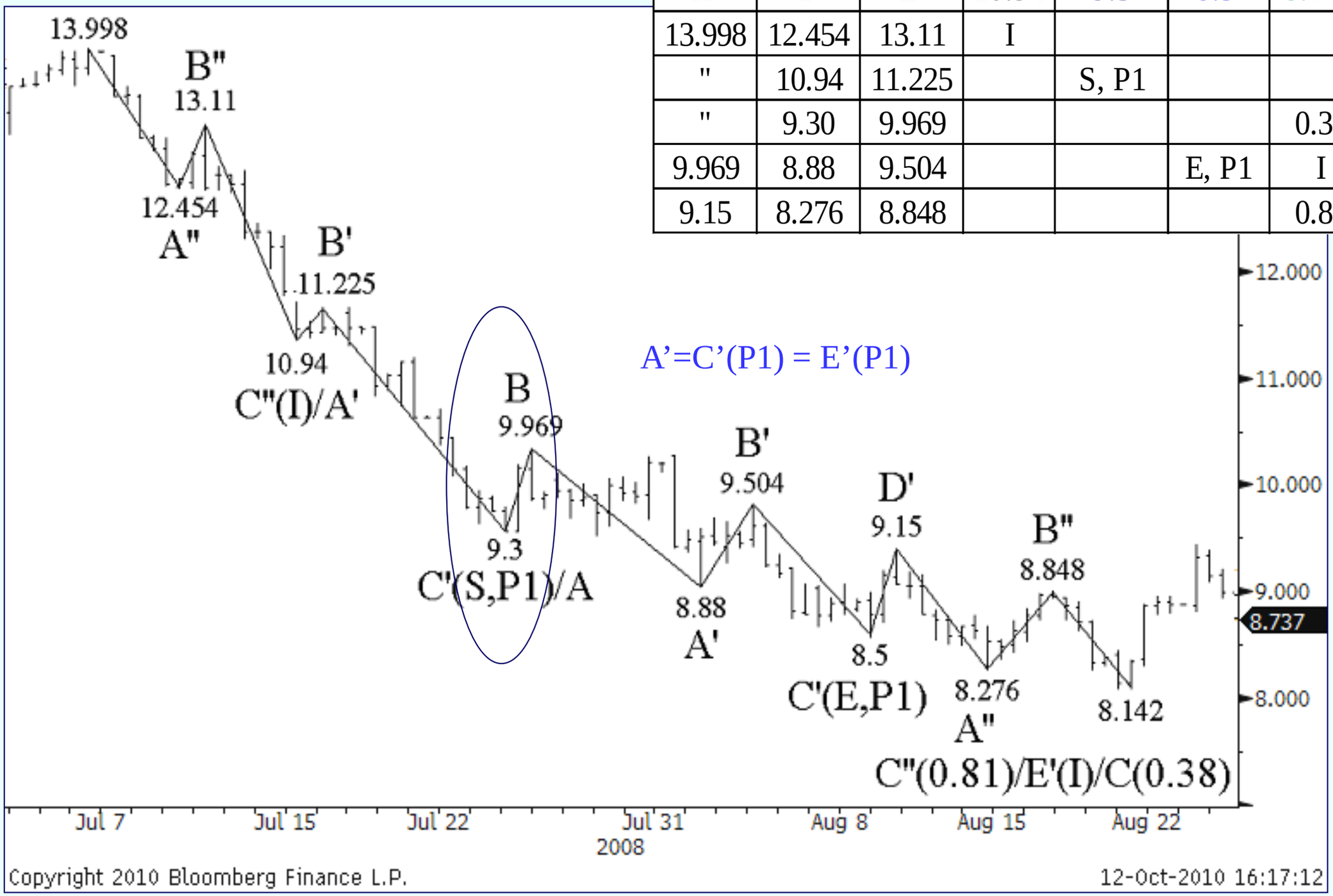
NGX08 Daily, Labeling From $13.988

X	*Y*	*Z*	**10.94**	**9.3**	***8.5***	**8.142**
13.998	12.454	13.11	I			
"	10.94	11.225		S, P1		
"	9.30	9.969				0.38
9.969	8.88	9.504			E, P1	I
9.15	8.276	8.848				0.81



E' actually 1.25

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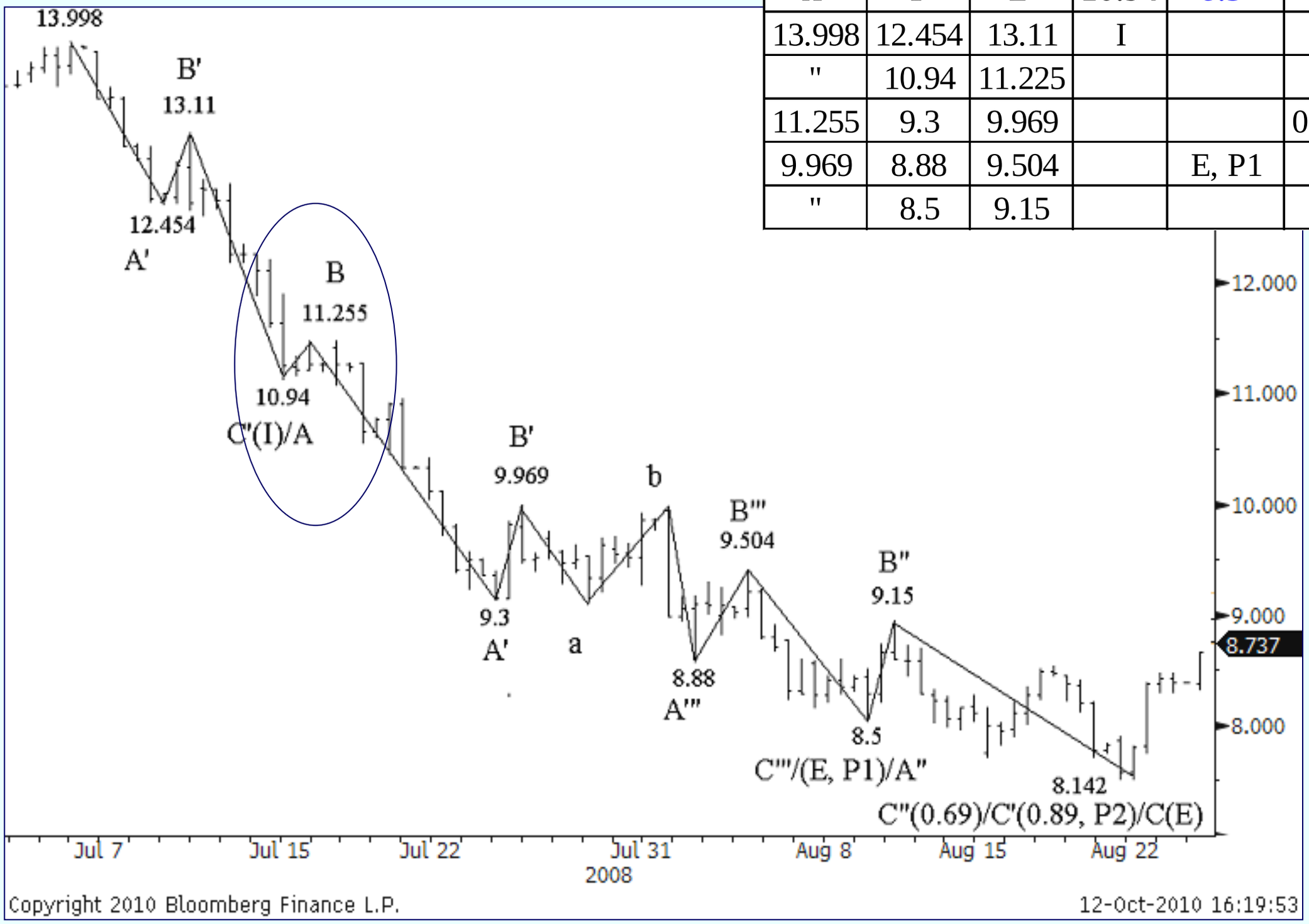
NGX08 Daily, Labeling From $13.988

Alternate

X	*Y*	*Z*	**10.94**	***8.5***	**8.142**
13.998	12.454	13.11	I		
"	10.94	11.225			E
11.255	9.3	9.969			0.89, P2
9.969	8.88	9.504		E, P1	
"	8.5	9.15			0.69



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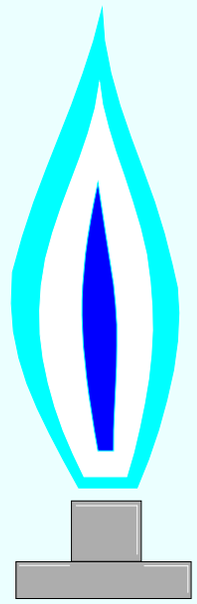
Early Waves, Grid and Cascades

X	*Y*	*Z*	S	E	I	L	3X	XC	P2	P3
13.998	10.94	11.255	9.37	8.20	7.03	6.31	6.68	2.80	10.43	9.92
"	9.30	9.969	7.07	5.27	3.48	2.37	4.11	-3.02	8.22	7.14
11.255	10.15	10.319	9.64	9.21	8.79	8.53	8.25	7.26	9.88	9.60
"	9.30	9.969	8.76	8.01	7.27	6.81	6.35	4.57	8.22	7.14
"	8.142	9.20	7.28	6.09	4.90	4.16	4.26	0.60	6.43	4.72
"	8.122	8.713	6.78	5.58	4.38	3.64	4.23	0.05	*7.17*	*6.21*
9.969	8.88	9.504	8.83	8.42	8.00	7.74	7.05	6.49	7.87	6.86
"	8.122	8.713	7.57	6.87	6.16	5.72	5.39	3.61	*7.17*	*6.21*
9.504	8.142	9.20	8.36	7.84	7.32	7.00	5.98	5.44	6.43	4.72
"	8.122	8.713	7.86	7.33	6.80	6.48	5.93	4.89	*7.17*	*6.21*



Retracements to $13.998

From:	5.242
78%	7.17
89%	6.21

	X	*Y*	*Z*	7.32	7.04	7.14	6.82
9.30 = S, P1 8.142 = E	13.998	10.94	11.255		**I**		
8.142 = 0.38	"	9.30	9.969		S	*P3*	
	11.255	10.15	10.319	XC			
8.142 = 0.89, P2	"	9.30	9.969	**I**		P3	L
	"	8.142	9.20	S			
	"	8.122	8.713				S
8.50 = E, P1	9.969	8.88	9.504		3X		P3
	9.504	8.142	9.20	**I**	L		
	"	8.122	8.713	E			**I**

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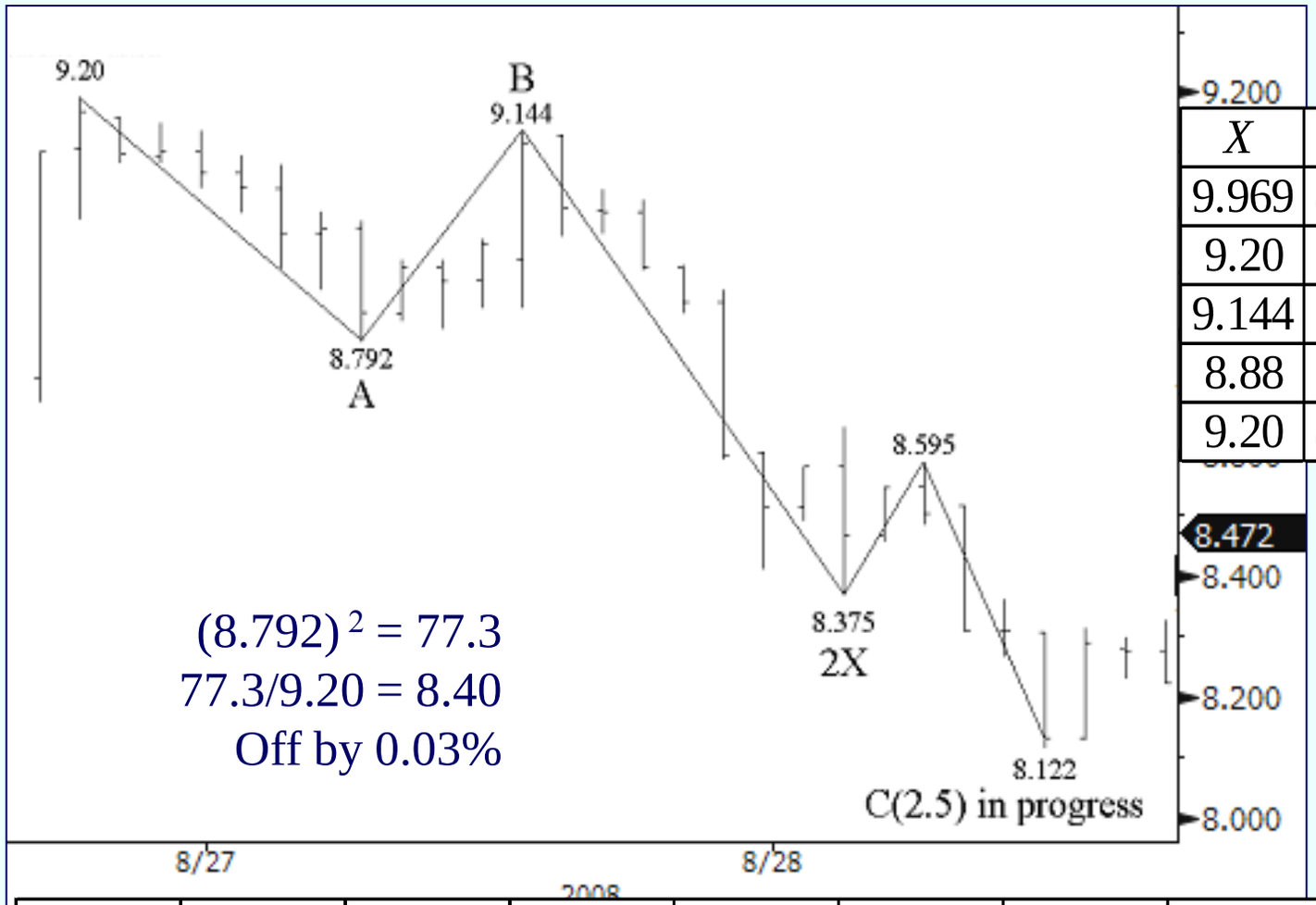
Intraday Labels, Grid and Cascade



$(8.792)^2 = 77.3$
$77.3/9.20 = 8.40$
Off by 0.03%

X	*Y*	*Z*	7.62	7.32	7.17	7.04	6.82
9.969	8.122	8.713	S				E
9.20	"	"	E		I, P2		
9.144	"	"		I	*P2*	L	
8.88	"	"	I		*P2*		3X
9.20	8.792	9.144	P3				

X	*Y*	*Z*	S	E	I	L	3X	XC	P2	P3
9.20	8.792	9.144	8.89	8.74	8.58	8.48	8.03	8.02	8.22	7.65
"	8.122	8.713	8.05	7.64	7.22	6.97	6.33	5.73	7.17	6.21
9.144	"	"	8.08	7.69	7.30	7.06	6.41	5.89	*7.17*	*6.21*
8.88	"	"	8.24	7.96	7.67	7.49	6.79	6.62	*7.17*	*6.21*

DevStops

NG Long	Warn	Dev1	Dev2	Dev3	Dev4.5	Dev6
Daily - X	-	-	7.93	7.80	7.48	7.17
Weekly - X	7.88	7.35	6.65	5.80	5.26	4.35

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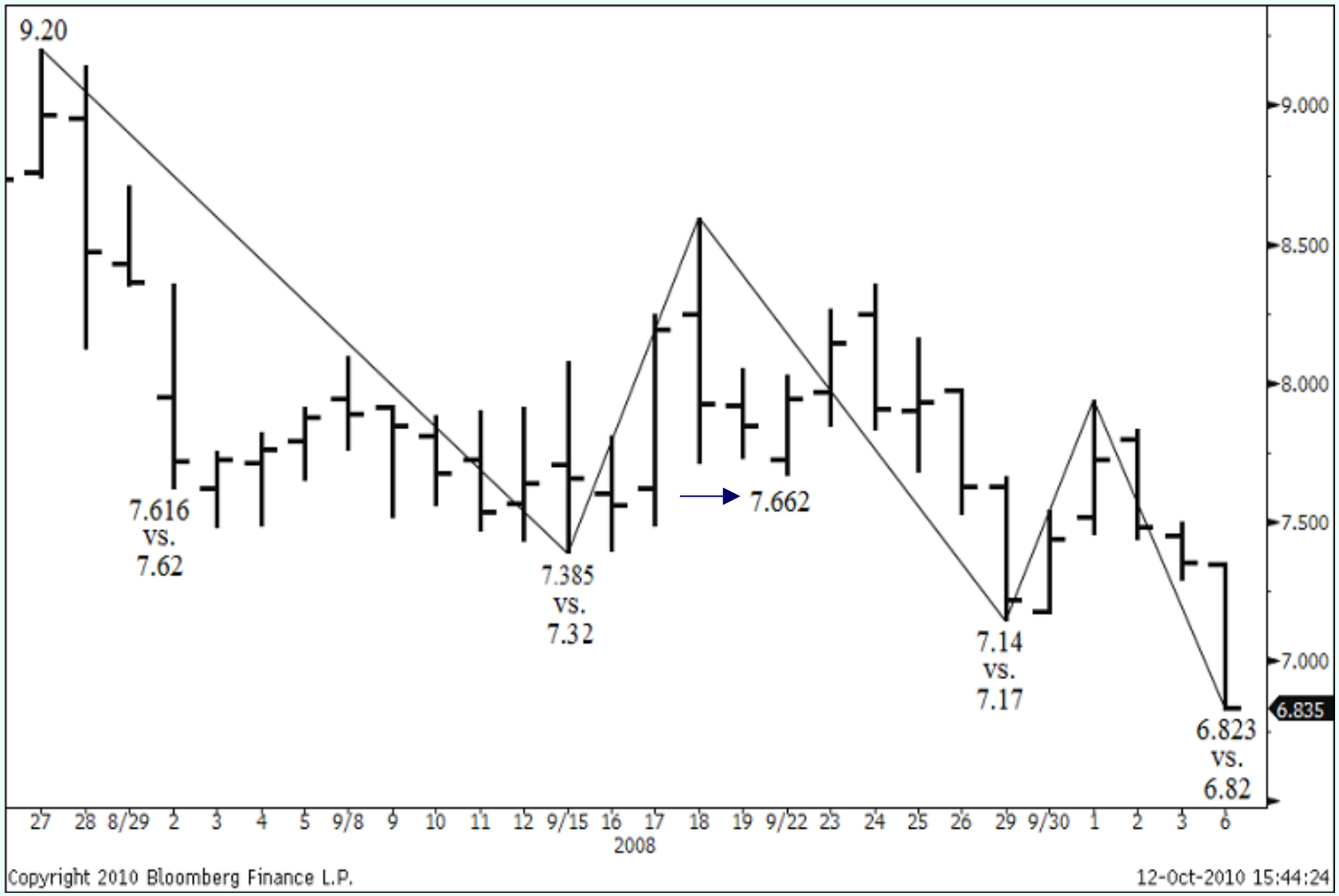
NGX08: Forecast Outcome

October 7, 2008



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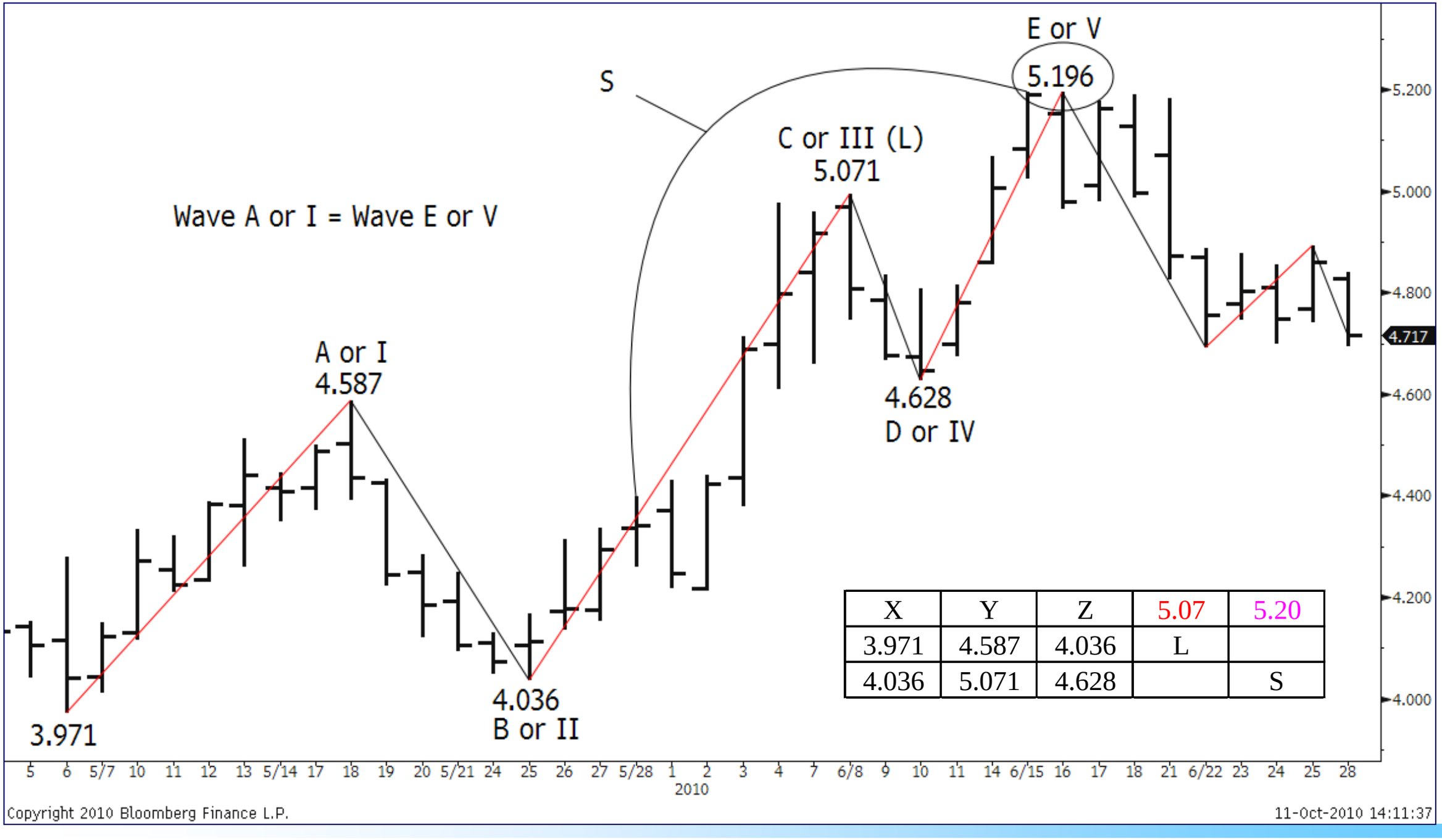
NGN10 Waves Up from $3.971

Kase Commentary June 4-18, 2010

"$5.196 probably going to hold"



X	Y	Z	5.07	5.20
3.971	4.587	4.036	L	
4.036	5.071	4.628		S

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NGX10 Waves Down from $6.964

Kase Commentary Oct 1, 2010

“Headed towards $3.58”

Wave	X	Y	Z	3.58
A or I	6.964	5.61	6.548	3X
C or III	6.548	4.647	5.534	E
C' or 3	5.15	3.971	4.298	S

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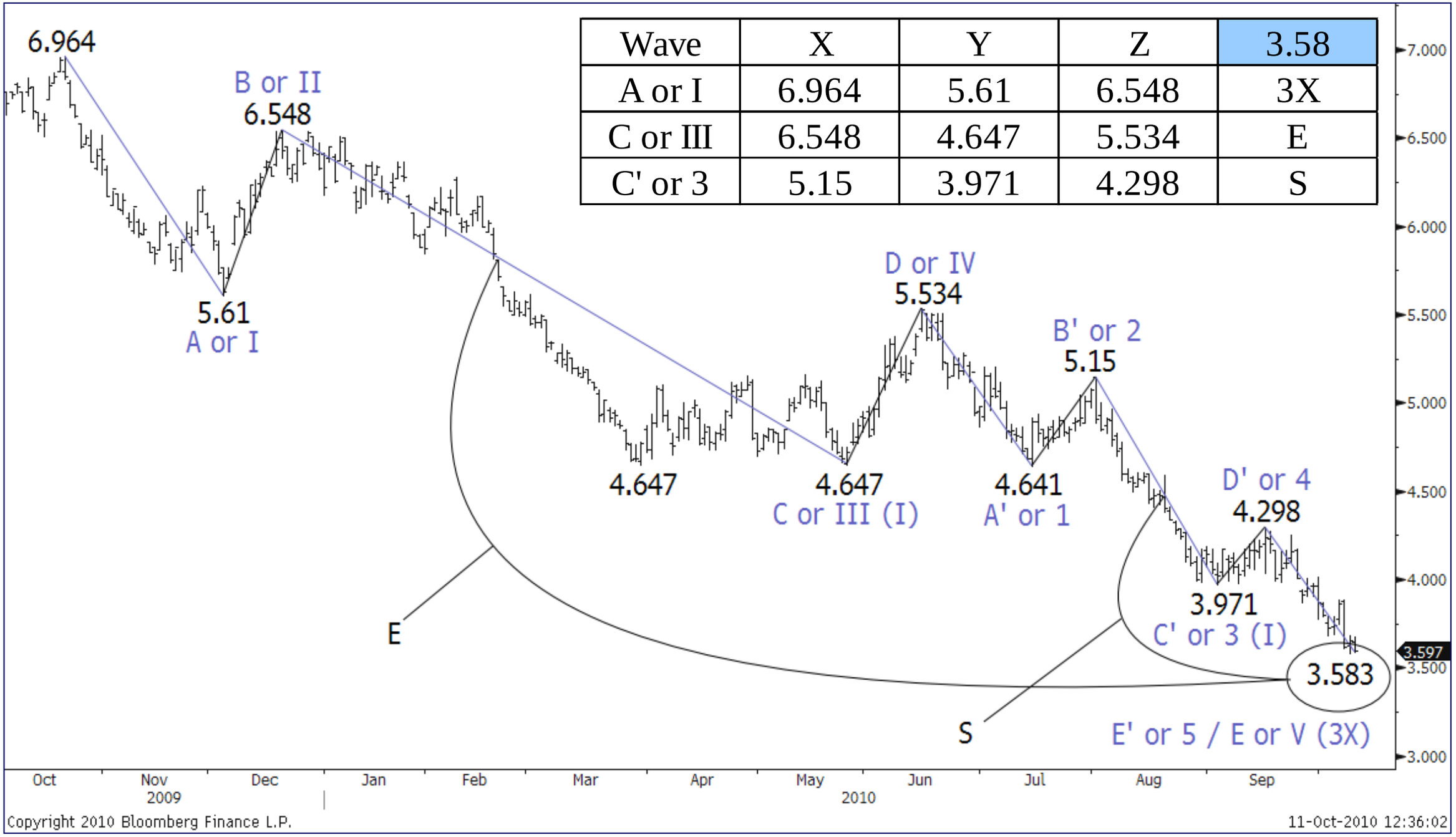
Market Outcome, NGX10

Kase Commentary Oct 8, 2010

Wave	X	Y	Z	3.58
A or I	6.964	5.61	6.548	3X
C or III	6.548	4.647	5.534	E
C' or 3	5.15	3.971	4.298	S



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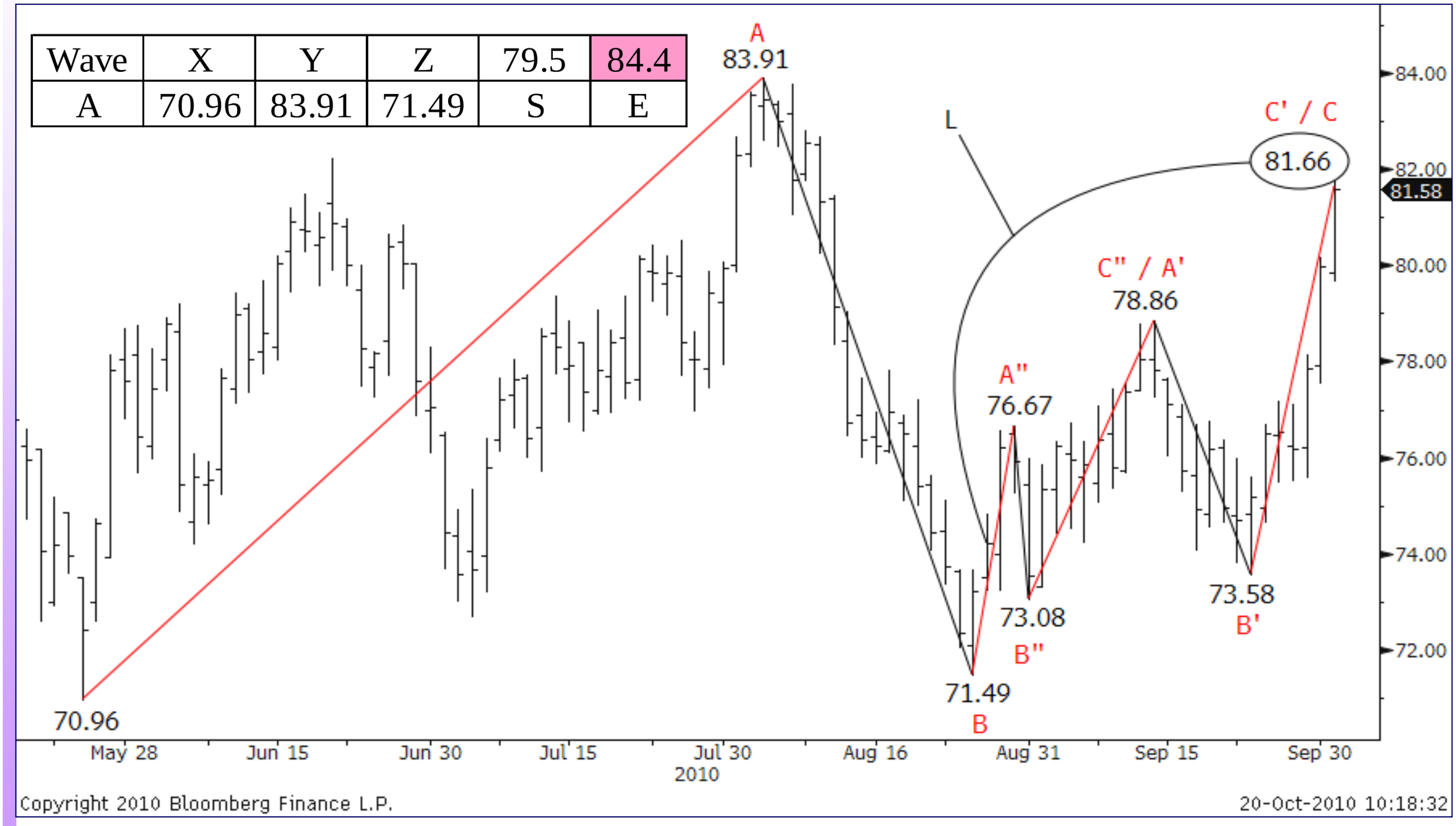
CLX10 Waves Up from $70.96

Kase Commentary Oct 1, 2010

Wave	X	Y	Z	79.5	84.4
A	70.96	83.91	71.49	S	E



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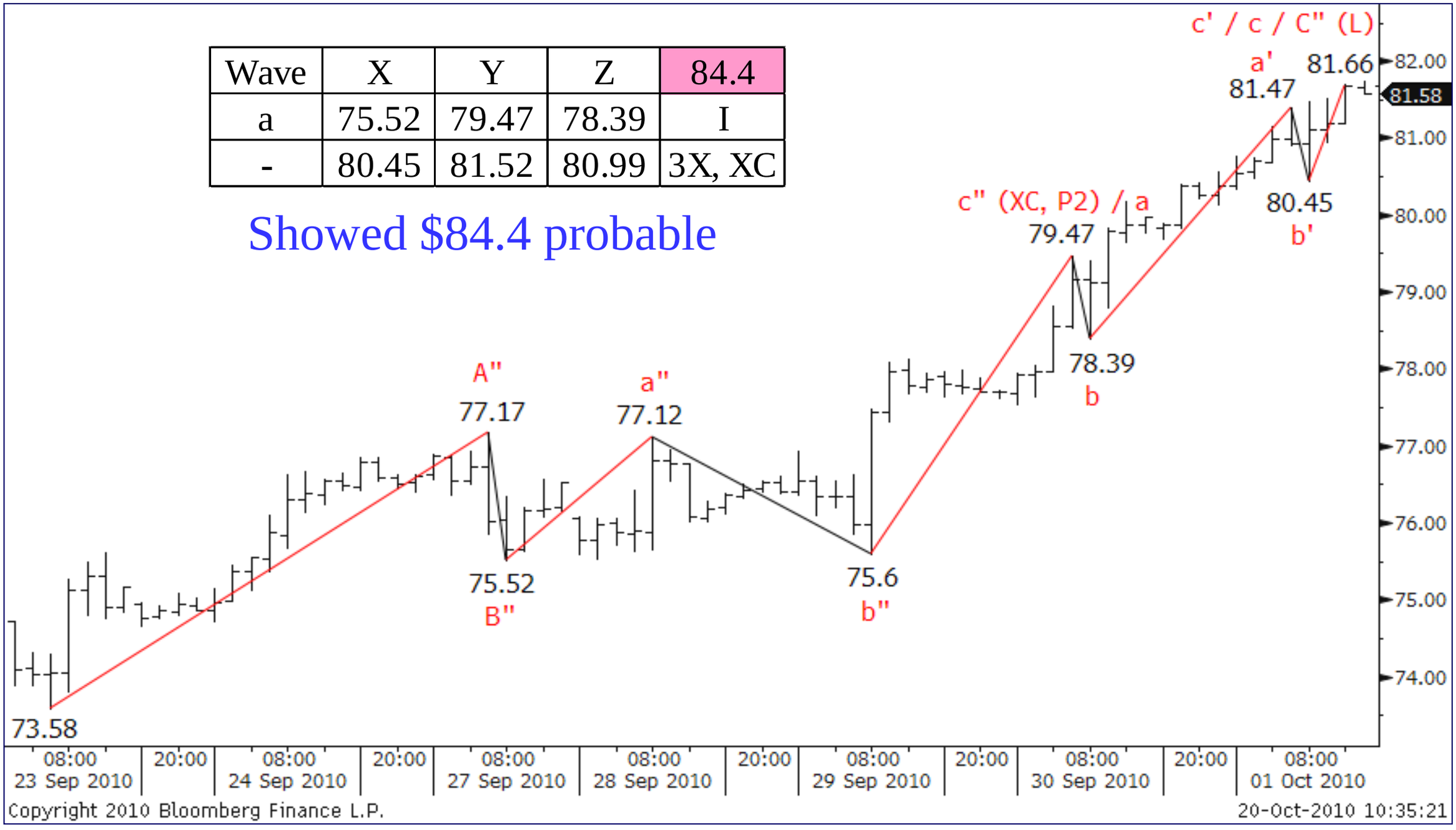
CLX10 Waves Up from $73.58

Kase Commentary Oct 1, 2010

Wave	X	Y	Z	84.4
a	75.52	79.47	78.39	I
-	80.45	81.52	80.99	3X, XC

Showed $84.4 probable



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Perpetual and CLX10 Retracements

Kase Commentary Oct 1, 2010

CLX10 Retracements to $70.96

From:	85.7	93.14
62%		84.7
89%	84.1	90.7

Perpetual Retracements to $64.24

From:	87.15
89%	84.6

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Market Outcome, CLX10

Kase Commentary Oct 8, 2010

Wave	X	Y	Z	84.4
A	70.96	83.91	71.49	E

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